06-13-2025 LETTING ITEM 061

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IDOT HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

001001-02 AREAS OF REINFORCEMENT BARS

420001-10 PAVEMENT JOINTS

24' (7.2 M) JOINTED PCC PAVEMENT 420101-07

420106-07 36' (10.8 M) JOINTED PCC PAVEMENT 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT

424031-03 MEDIAN PEDESTRIAN CROSSINGS

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER 606001-08

606301-04 PC CONCRETE ISLANDS AND MEDIANS

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE

OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4,5 M) AWAY 701106-02

APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY 701400-12

LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY 701406-13

LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH 701411-09

TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 701428-01

PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY 701456-05

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

URBAN LANE CLOSURE, MULTILANE INTERSECTION 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE

701901-10 TRAFFIC CONTROL DEVICES

780001**-**05 TYPICAL PAVEMENT MARKINGS

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

782001-01 CURB REFLECTORS

782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

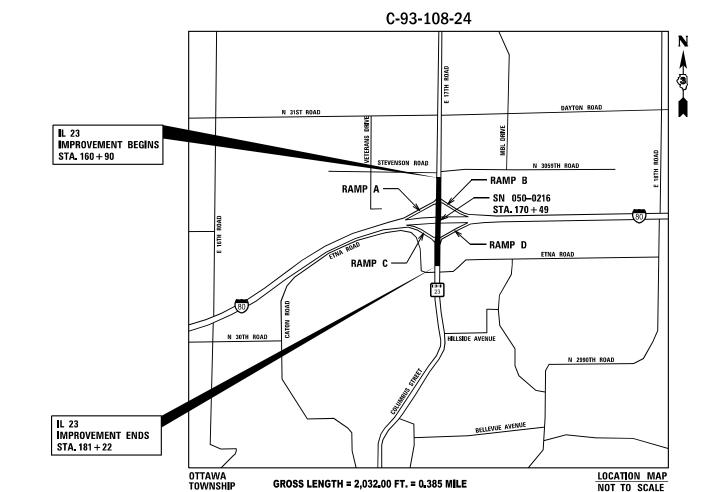
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

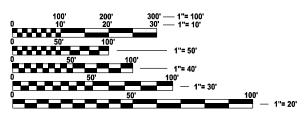
FAP ROUTE 68 (IL 23) & FAI ROUTE 80 (I-80) SECTION: (50-4HBR) BDR, BJR & (3) PP

BRIDGE AND PAVEMENT PRESERVATION LASALLE COUNTY



NET LENGTH = 2,032.00 FT. = 0.385 MILE





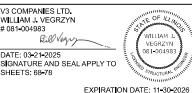
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. **JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION** 1-800-892-0123

PROJECT ENGINEER: JOE KANNEL, P.E. **UNIT CHIEF: STEPHENIE CARMIN DISTRICT 3, (815) 434-6131**

CONTRACT NO. 66P53







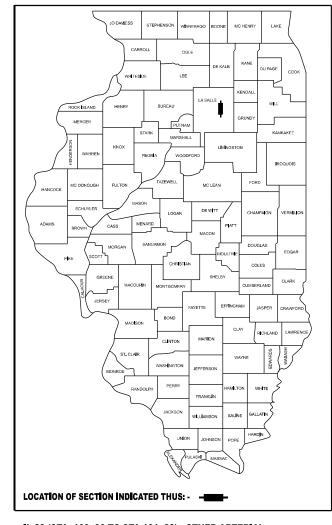


P-93-022-23

80 (50-4HBR) BDR, BJR & (3) PP

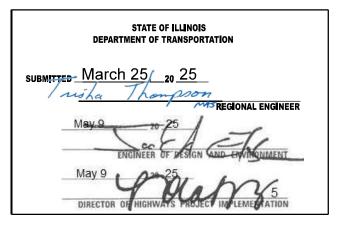
SHEETS

CONTRACT NO. 66P53



IL 23 (STA. 160+90 TO STA 181+22) - OTHER ARTERIAL 2023 ADT = 16,500 P.V. = 94.1% S.U. = 3.3% M.U. = 2.6%

I-80 (WEST OF IL 23) - INTERSTATE 2023 ADT = 29.300P.V. = 55.5% S.U. = 3.2% M.U. = 41.3%



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS
- 3 9 SUMMARY OF QUANTITIES
- 10 11 TYPICAL SECTIONS
- 12 SCHEDULE OF QUANTITIES
- 13 ALIGNMENT, TIES, AND BENCHMARKS
- 14 17 ROADWAY PLAN
- 18 STAGING PLAN STAGING NOTES 19 - 21 STAGING PLAN - TYPICAL SECTIONS
- 22 43 STAGING PLAN
- 44 46 PAVEMENT MARKING PLAN
- 47 TRAFFIC SIGNAL GENERAL NOTES
- 48 49 TRAFFIC SIGNAL STANDARD TRAFFIC DESIGN DETAILS
- 50 57 TEMPORARY TRAFFIC SIGNAL (IL 23 & I-80 WB RAMPS)
- 58 TRAFFIC SIGNAL (IL 23 & I-80 WB RAMPS) 59 - 66 TEMPORARY TRAFFIC SIGNAL (IL 23 & I-80 EB RAMPS)
- 67 TRAFFIC SIGNAL (IL 23 & I-80 EB RAMPS)
- 68 78 STRUCTURE PLANS (SN 050-0216)
- 79 88 DETAIL

GENERAL NOTES

- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.
- SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.
- 4. ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.
- 5. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

SHORT TERM PAVEMENT MARKING 10FT / 100 FT OF APPLICATION

- 6. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
- 7. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- 8. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

ALLIANCE AMEREN ANR PIPELINE ATT DISTRIBUTION COMCAST COMED COMMERCIAL BROADBAND CORN BELT ENERGY ENTERPRISE PRODUCT FRONTIER ILLINOIS FIBER KINDER MORGAN LASALLE CO HWY DEPT METRO COMMUNICATIONS MTCO COMMUNICATIONS NORTHERN BORDER PIPELINE STRATUS NETWORKS

 NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENTS ARE:

ILLINOIS DEPARTMENT OF TRANSPORTATION

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES OF CONSTRUCTION:

INSPECTORS:

V3 Companie 7325 Janes Woodridge, I 630.724.920 www.v3co.co

USER NAME = dpung	DESIGNED -	MS	REVISED -
	DRAWN -	DP	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	JB	REVISED -
PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NTS

				CONSTRUCTION CODE
				NHPP
				RURAL
			1	100% STATE
SPECIALTY				BRIDGE 0047
ITEM	CODE NO.	ITEM	UNIT	050-2016
	40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	405
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	357
	1200000	WEEDER WILL KEIN OKOEMEN	SQ 15	357
	42001300	PROTECTIVE COAT	SQ YD	2,193
	42400800	DETECTABLE WARNINGS	SQ FT	40
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,545
	44003100	MEDIAN REMOVAL	SQ FT	1,584
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	44200066	CLASS D DATOLIES TYPE I 40 INCL	COVD	
	44200966	CLASS B PATCHES, TYPE I, 10 INCH	SQ YD	44
	44200970	CLÁSS B PÁTCHES, TYPE II, 10 INCH	SQ YD	489
	44200974	CLÁSS B PÁTCHES, TYPE III, 10 INCH	SQ YD	357
				007
	44201299	DOWEL BARS 1 1/2"	EACH	1,459
			-	
	44213200	SAW CUTS	FOOT	2,894
	44213204	TIE BARS 3/4"	EACH	76
		·· - -· ··		76
			<u> </u>	
	50102400	CONCRETE REMOVAL	CU YD	19.8
	50157300	PROTECTIVE SHIELD	SQ YD	781
			 	
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	
	50300255	CONTROLLE OUTEROTRUCTURE	10010	22
	-		-	

		USER NAME	= dpung	DES	IGNED -	MS	REVISED -			SUMMARY OF QUANTITES		F.A.I. RTE.	SECTION	COUNTY TO	TAL SHEET ETS NO	
T 7)	7325 Janes Avenue Woodridge, IL 60517			DRA	ŴN -	DP	REVISED -	STATE OF ILLINOIS		SOMMANT OF QUANTITES			(50-4HBR) BDR, BJR & (3) PP		18 3	
V	630.724.9200 phone 630.724.9202 fax	PLOT SCALE	= \$SCALE\$	CHE	CKED -	JB	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT NO.	 :	
<u> </u>		PLOT DATE	= 3/24/2025	DAT	E -	3/24/2025	REVISED -		SCALE: NTS	SHEET 1 OF 7 SHEETS STA.	TO STA.		[ILLINOIS FED. AI			
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			[CONSTRUCTION CODE
				NHPP RURAL
			1	100% STATE BRIDGE
SPECIALTY				0047
ITEM	CODE NO.	ITEM	UNIT	050-2016
	50300260	BRIDGE DECK GROOVING	SQ YD	2,058
	50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	194
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,790
	50800515	BAR SPLICERS	EACH	24
	55500515		LAUIT	27
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	145
	52100520	ANCHOR BOLTS, 1"	EACH	18
	58700300	CONCRETE SEALER	SQ FT	873
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	2
	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	4
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	747
	0000000	COMBINATION CONCINETE CONDICAND COTTEN, THE B-0.24	1001	741
	60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	2,048
	63500310	REMOVE AND REINSTALL DELINEATORS	EACH	3
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12
	67100100	MOBILIZATION	LSUM	1
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15
	70100010	THE TO CONTROL OF VERLENIED	SAL DA	10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

				CONSTRUCTION CODE NHPP
				RURAL
				100% STATE BRIDGE
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	0047 050-2016
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	532
	70200100	NIGHTTIME WORK ZONE LIGHTING	LSUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	8,378
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	28,202
	, , , , , , , , , , , , , , , , , , , ,			
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	276
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	32,767
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2,834
	70307140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE	FOOT	17,444
	70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	344
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	410
*	72000100	SIGN PANEL - TYPE 1	SQ FT	30
	72000100	SIGNAME THE P	Jan	
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	29
#	78004600	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LETTERS AND SYMBOLS	SQ FT	286
#	78004645	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 9"	FOOT	2,301
"			1 . 33 .	
#	78004720	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 24"	FOOT	261

*= SPECIALTY ITEM

	V3 Companies	
T 7	7325 Janes Avenue Woodridge, IL 60517	
	630.724.9200 phone 630.724.9202 fax	Г
3	www.v3co.com	Т

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

				CONSTRUCTION CODE
				NHPP
				RURAL
				100% STATE
SPECIALTY				BRIDGE 0047
ITEM	CODE NO.	ITEM	UNIT	050-2016
#	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	
#	78005110	EPOAT PAVENIENT INARKING - LINE 4	1001	10,138
#	78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	205
#	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	6,636
#	78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	468
#	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	286
"	70071000	Citosinio i di Nessossis i i velimini i il		250
#	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5,069
#	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	103
#	78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3,318
#	78011050	GROOVING FOR RECESSED PAVEMENT MARKING 10"	FOOT	2,301
#	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	234
	70044405	CDOOVING FOR RECESSED PAYEMENT MARKING 251	FOOT	264
#	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	-001	261
#	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	86
#	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4
#	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	6
#	78200020	CURB REFLECTORS	EACH	40

Y	V3 Companies 7325 Janes Ave Woodridge, IL 6 630.724.9200 p 630.724.9202 f www.v3co.com

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STATE	OF ILLINOIS	
DEPARTMENT	OF TRANSPORTATIO	V

								F.A.I. RTE.	SECTION		COUNTY TOTAL SHEETS		SHEET NO.	
								80	(50-4HBR) BDR, BJF	R & (3	3) PP	LASALLE	88	6
												CONTRACT	NO. 661	P53
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				CONSTRUCTION CODE NHPP
				RURAL
	ı		I	100% STATE BRIDGE
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	0047 050-2016
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	86
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6,721
*	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	17
*	81800240	AERIAL CABLE, 2-1/C NO. 8 WITH MESSENGER WIRE	FOOT	884
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	101
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	106
	27500440	TO LETTE CLOWN DOOT ON WANTED STEEL 40 FT		,
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4
	07000100	CONSIDER OF THE PARTIES OF THE PARTI	1001	7
*	87900200	DRILL EXISTING HANDHOLE	EACH	2
*	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	14
*	88600100	DETECTOR LOOP, TYPE I	FOOT	1,008
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	1
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2

*= SPECIALTY ITEM

V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

				CONSTRUCTION CODE
				NHPP
				RURAL
				100% STATE
	I			BRIDGE
SPECIALTY				0047
ITEM	CODE NO.	ITEM	UNIT	050-2016
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	73
	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	525
	X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	4
				· ·
	X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	4
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42
	X7200203	DETOUR SIGNING	LSUM	1
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	220
*	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	220
*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1
*	X8860100	LOOP DETECTOR TESTING	EACH	2
	Z0001800	ADDROACH SLAR DEDAID (DADTIAL DEDTH)	SQ YD	6
	20001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	טע זט	0
	Z0006014	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/2 INCHES	SQ YD	2,149
	Z0010400	CLEANING BRIDGE SEATS	SQ FT	866

*= SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITES SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

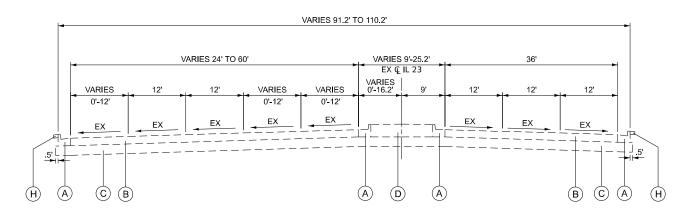
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				RURAL
				100% STATE
SPECIALTY				BRIDGE
ITEM	CODE NO.	ITEM	UNIT	0047 050-2016
	1		I	000 2010
	Z0015500	DEBRIS REMOVAL	LSUM	1
	Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2,149
	Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	16
	Z0012800	CONCRETE PAVEMENT SCARIFICATION	SQ YD	536
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
	Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	2
	Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	1
		F		
	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	147
	Z0062456	TEMPORARY PAVEMENT	SQ YD	286
	Z0073509	PERMANENT TRAFFIC SIGNAL TIMING	EACH	2
	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	7

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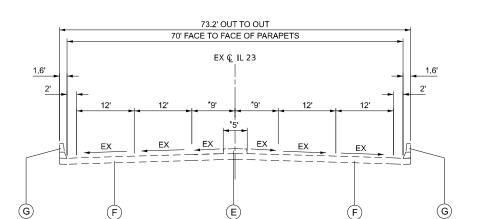
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													CONTRACT	NO. 66	P53
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VARIES 71.2' TO 75.6' EX @ IL 23 VARIES EX ΕX EX (H)(A)(C) (B) (E) (B) (C)

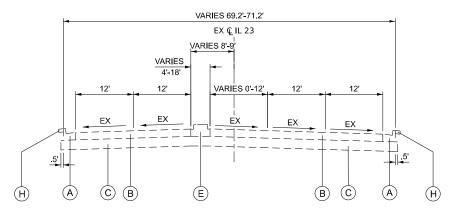
EXISTING IL 23 TYPICAL SECTION

STA 160+90.00 TO STA 166+27.24 (FACING SOUTH)



EXISTING IL 23 TYPICAL SECTION

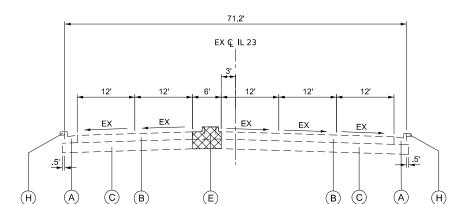
STA 169+48.61 TO STA 171+48.71 (FACING SOUTH) * SEE PLAN VIEW FOR MEDIAN TAPER



STA 173+71.79 TO STA 181+22.00

EXISTING IL 23 TYPICAL SECTION

STA 166+27.24 TO STA 169+48.61 (FACING SOUTH)



EXISTING IL 23 TYPICAL SECTION

STA 171+48.71 TO STA 173+71.79 (FACING SOUTH)

LEGEND

- (A) EX COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.24
- (B) EX PORTLAND CEMENT CONCRETE PAVEMENT 91/4" (HINGE JOINTED)
- (C) EX SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- (D) EX CONCRETE MEDIAN, TYPE SB 6.24 (DOWELLED)
- (E) EX CONCRETE MEDIAN, TYPE SB 6.06 (DOWELLED)
- (F) EX CONCRETE SLAB, 7½"
- (G) EX PARAPET
- (H) EX GROUND / EX TOPSOIL
- DENOTES REMOVAL ITEM

EXISTING IL 23 TYPICAL SECTION

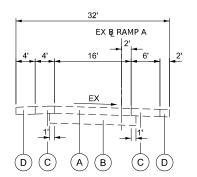
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	DRAWN	-	PG	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED	-	JH	REVISED -
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED -

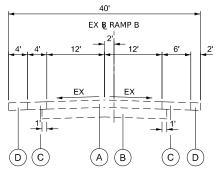
				F.A.I. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
				80	(50-4HBR) BDR, BJR & (3) PP			LASALLE	88	10
						CONTRACT N			NO. 661	P53
OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						

SCALE: NTS SHEET



EXISTING RAMP A TYPICAL SECTION STA 0+00.00 TO STA 3+00.00 (FACING WEST)

EXISTING RAMP B TYPICAL SECTION STA 8+85.72 TO STA 11+85.72 (FACING WEST)



EXISTING RAMP C TYPICAL SECTION STA 9+41.79 TO STA 12+41.79

(FACING EAST)

SCALE: NTS

VARIES 40'-42' EX & RAMP C

VARIES

12'-14'

(D)(C)

VARIES 0'-2'

12'

(c)

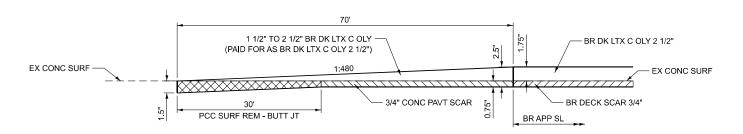
VARIES 36'-38' VARIES 6 EX (c) (D)(C) (A) (B)

EXISTING RAMP D TYPICAL SECTION

STA 0+00.00 TO STA 3+00.00 (FACING EAST)

LEGEND

- (A) EX HMA PAVEMENT
- B) EX SUB-BASE GRANULAR MATERIAL, TYPE A
- (C) EX HMA SHOULDERS
- (D) EX AGG SHOULDERS



BUTT JOINT AND OVERLAY TAPER DETAIL

EFK•Moen Civil Engineering Design

USER NAME = dpung	DESIGNED - SK	REVISED -	
	DRAWN - PG	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - JH	REVISED -	
PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -	

	IL 23	3 OVER I-	80		F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	TYPIC	AL SECTI	ONS		80	(50-4HBR) BDR, BJR &	(3) PP	LASALLE	88	11
	11110	AL SECTI	0113					CONTRACT	NO. 66	P53
HEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	D PROJECT		

					BOADI	1/1/ DAT	CH AND OV	EDLAV COL	EDITE					
			CL B PA	TCH 10	KOADI	MATEAI	WELDED		DOWEL	TIE DADO	PART	PCC SURF	CONC	BR DK LTX
LOCATION	Т	1	Т	2	T3		WIRE	SAW CUTS	BARS	TIE BARS 3/4	DEPTH C L	REM	PAVT	C OLY
LOCATION	JOINT	MID	JOINT	MID	JOINT	MID	REINF		1 1/2	3/4	REPAIR	BUTT JT	SCAR	2 1/2
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	SQ YD	SQ YD	SQ YD	SQ YD
STEVENSON RD TO BRIDGE														
NB OUTSIDE THROUGH LANE	12.9	2.3	24.0	0.0	0.0	37.5	37.5	325.7	135	16	10.7			
NB INSIDE THROUGH LANE	9.2	4.0	16.0	7.7	0.0	0.0	0.0	116.6	68	0	10.7	124.8	162.3	287.1
NB LEFT TURN LANE	8.7	0.0	16.0	0.0	0.0	0.0	0.0	103.9	60	0	0.0			
SB OUTSIDE THROUGH LANE	0.0	0.0	24.0	40.0	0.0	20.0	20.0	318.0	160	0	4.2	80.0	106.7	186.7
SB INSIDE THROUGH LANE	0.0	0.0	32.0	60.0	0.0	0.0	0.0	330.0	200	0	4.2	80.0	100.7	100.7
SUBTOTAL	30.7	6.3	112.0	107.7	0.0	57.5	57.5	1194.2	623	16	29.7	204.8	269.0	473.8
SEE STRUCTURE PLANS FOR BRIDGE IMPROVEMENTS														
BRIDGE TO ETNA RD														
NB OUTSIDE THROUGH LANE	0.0	0.0	24.0	30.0	0.0	0.0	0.0	225.0	120	4	21.5	80.0	106.7	186.7
NB INSIDE THROUGH LANE	0.0	0.0	16.0	30.0	0.0	0.0	0.0	154.5	100	2	21.5	80.0	106.7	180.7
SB OUTSIDE THROUGH LANE	0.0	0.0	32.0	40.0	0.0	140.0	140.0	654.0	280	24	0.0			
SB INSIDE THROUGH LANE	0.0	0.0	16.0	50.0	0.0	140.8	140.8	474.0	260	12	0.0	120.0	160.0	280.0
SB LEFT TURN LANE	4.0	3.0	8.0	23.0	0.0	0.0	0.0	135.7	62	6	0.0	1		
SUBTOTAL	4.0	3.0	96.0	173.0	0.0	280.8	280.8	1643.2	822	48	43.0	200.0	266.7	466.7
RAMP B ISLAND					18	3.1	18.1	56.3	14	12				
TOTAL	4	1	48	39	3	57	357	2894	1459	76	73	405	536	941

							
		REFLECTORS A	AND DELINEATO	OR PANELS REP	AIR SCHEDULE		
	GUARDRAIL	BARRIER WALL	NOMINAL	GUARDRAIL REFLECTORS.	BARRIER WALL	LINEAR DELINATOR	LINEAR DELINATOR
LOCATION	LENGTH	LENGTH	REPAIR %	TYPE A	REFLECTORS, TYPE C	PANELS, 4 INCH	PANELS, 6 INCH
	FOOT	FOOT		EACH	EACH	EACH	EACH
NB	237.5	200.0	50%	2	3	2	2
SB	250.0	200.0	50%	2	3	2	2
			TOTAL	4	6	4	4

RAI	SED REFLECTIV	/E PAVEMENT M	MARKER SCHED	ULE
	RAISED REF	RAISED REFL	RRPM	RRPM
LOCATION	PVT MK REM	PAVT MKR	REFLECTOR	REFLECTOR
LUCATION	PV I IVIK REIVI	PAVIIVIKK	REMOVL	REPLAC
	EACH	EACH	EACH	EACH
NB	50	50	136	136
SB	36	36	84	84
SUBTOTAL	86	86	220	220
TOTAL	86	86	220	220

NOTE: PATCHING SHOWN IS FOR REFERENCE ONLY AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. PATCHING LOCATIONS TO BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
--

			C	OMB CC&G AND	MEDIAN SCHE	DULE				
	COMB CURB	COMB CC&G	MEDIAN	TEMP	CONC MED	CONC MEDIAN	DETECTABLE	FR & GRATES	REM & REIN	CURB
LOCATION	GUTTER REM	TY B-6.24	REMOVAL	PAVEMENT	TSB6.24	SPL	WARNINGS	ADJUST	DELINEATOR	REFLECTORS
	FOOT	FOOT	SQ FT	SQ YD	SQ FT	SQ FT	SQ FT	EACH	EACH	EACH
STEVENSON RD TO BRIDGE										
NB MEDIAN	202.6	27.2	648.4	113.3	1019.9	0.0	0.0	0	1	15
NB OUTSIDE EOP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0	0
SB MEDIAN	239.5	71.9	0.0	0.0	0.0	0.0	0.0	0	0	0
SB OUTSIDE EOP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0	0
RAMP A ISLAND	73.9	0.0	213.6	58.3	0.0	524.5	40.0	0	0	10
RAMP B ISLAND	35.3	0.0	68.6	0.0	0.0	0.0	0.0	0	1	0
SUBTOTAL	551.4	99.1	930.6	171.6	1019.9	524.5	40.0	2	2	25
SEE STRUCTURE PLANS FOR BRIDGE IMPROVEMENTS										
BRIDGE TO ETNA RD										
NB MEDIAN	206.8	30.0	653.3	114.2	1027.7	0.0	0.0	0	1	15
NB OUTSIDE EOP	374.5	374.5	0.0	0.0	0.0	0.0	0.0	1	0	0
SB MEDIAN	244.0	75.1	0.0	0.0	0.0	0.0	0.0	0	0	0
SB OUTSIDE EOP	167.6	167.6	0.0	0.0	0.0	0.0	0.0	1	0	0
SUBTOTAL	992.8	647.1	653.3	114.2	1027.7	0.0	0.0	2	1	15
TOTAL	1545	747	1584	286	2048	525	40	4	3	40

										PAVEME	NT MARKING SC	HEDULE									
		PREF PL PM TD STD L 9	- GRV RCSD	PREF PL PM TD STD L 24	- GRV RCSD	PREF PL PM TD STD	GRV RCSD PM	EPO)	KY PVT MK L	INE 4	GRV RCSD	EPOXY PVT MK LINE 6	GRV RCSD	EPO	KY PVT MK L	INE 8	GRV RCSD	EPC	XY PVT MK LIN	E 12	GRV RCSD
LOCA	ATION	CONTRAST 10' DASH - 30' SKIP	PVT MRKG 10	SOLID WHITE		LETTERS AND SYMBOLS	LTR & SYM	DOUBLE YELLOW	SOLID YELLOW	SOLID WHITE	PVT MRKG 5	SOLID WHITE	PVT MRKG 7	SOLID WHITE	YELLOW 2' DASH - 6' SKIP	WHITE 2' DASH - 6' SKIP	PVT MRKG 9	YELLOW 45° DIAGONAL 20' SPACING	WHITE 45° DIAGONAL 20' SPACING	45° DIAGONAL	PVT MRKG 13
		FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
N	√B	1411.0	1411.0	137.4	137.4	128.7	128.7	635.3	4384.3	0.0	2509.8	0.0	0.0	3074.7	52.1	841.4	1984.1	96.9	0.0	0.0	48.4
(s	SB	889.9	889.9	123.3	123.3	157.2	157.2	0.0	4384.3	555.3	2469.8	0.0	0.0	2118.8	64.5	484.5	1333.9	0.0	264.9	0.0	132.5
RAMP A	SLAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.9	102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RAMP E	SISLAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.3	89.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.4	52.7
S	UBTOTAL	2300.8	2300.8	260.7	260.7	285.9	285.9	635.3	8768.6	733.6	5068.8	204.9	102.5	5193.5	116.6	1325.9	3318.0	96.9	264.9	105.4	233.6
5	TOTAL	2301	2301	261	261	286	286		10138	·	5069	205	103		6636	·	3318		468		234
NOTE: A	LL PAVEM	ENT MARKINGS SH	IALL BE GROOVED.	<u> </u>	·	·			·	·	·		·			·	·				

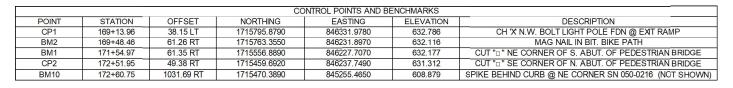
				STAG	ING PAVEM	IENT MARKIN	G SCHEDU	LE					
	TMP PVT MK		TMP PVT MK		TMP F	TMP PVT MK TMP PVT MK					TMP PVT MK		
	L&S T4 TAP		L4 T4 TAPE		L6 T4	TAPE		L8 T4 TAPE		L12 T	4 TAP	L24 T4 TAP	
STAGE	LETTERS AND SYMBOLS	DOUBLE YELLOW	SOLID YELLOW	SOLID WHITE	SOLID WHITE	WHITE 10' DASH - 30' SKIP	SOLID WHITE	YELLOW 2' DASH - 6' SKIP	WHITE 2' DASH - 6' SKIP	SOLID YELLOW	SOLID WHITE	SOLID WHITE	
	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
PRE-STAGE A/B	0.0	0.0	0.0	0.0	69.0	0.0	0.0	0.0	0.0	0.0	246.3	0.0	
1	105.6	1252.5	6546.6	0.0	0.0	0.0	4755.2	115.2	984.4	0.0	0.0	54.0	
1A/1B	0.0	0.0	304.2	0.0	0.0	0.0	740.0	0.0	138.1	0.0	0.0	0.0	
2	0.0	1455.3	2507.7	9308.9	0.0	380.0	4606.4	301.4	1392.8	96.9	0.0	122.7	
2A/2B	0.0	0.0	0.0	1494.5	0.0	0.0	0.0	0.0	100.4	0.0	0.0	0.0	
3	47.0	870.8	3902.0	2323.6	0.0	1602.5	1379.1	236.2	647.7	0.0	0.0	113.2	
4	123.2	0.0	2800.6	0 0	0.0	782.1	1604 7	115.2	326.8	0.0	0.0	120 1	
SUBTOTAL	275.8	3578.6	16061.1	13127.0	69.0	2764.6	13085.5	768.0	3590.3	96.9	246.3	410.0	
TOTAL	276		32767		28	834		17444		34	14	410	

EFK•Moen
Civil Engineering Design

USER NAME = dpung	DESIGNED	-	SK	REVISED	-
	DRAWN	-	PG	REVISED	-
PLOT SCALE = \$SCALE\$	CHECKED	-	JH	REVISED	-
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED	-

STATE	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

		IL 2	3 OVER I-	80		F.A.I. RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES					80 (50-4HBR) BDR, BJR & (3) PP			(3) PP	LASALLE	88	12	
	Schedule of Quantifies									CONTRACT	NO. 66	P53
SCALE: NTS	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT						



BEGIN PROJECT

ALIGNMENT COORDINATES - EX CL IL 23									
POINT	STATION	NORTHING	EASTING						
POT	143+79.16	1718330.9360	846344.1500						
Ы	170+48.66	1715661.9620	846291.1587						
POT	186+27.73	1714083.2031	846259.8131						

STATION	NORTHING	EASTING
0+00.00	1716138.5081	846300.6203
3+00.00	1715993.6950	846037.8863
		_
	0+00.00	0+00.00 1716138.5081

ALIGNMENT COORDINATES - RAMP A

ALIGNMENT COORDINATES - RAMP B								
POINT	STATION	NORTHING	EASTING					
POT	8+85.72	1715998.3274	846557.6959					
POT	11+85.72	1716153.4551	846300.9171					

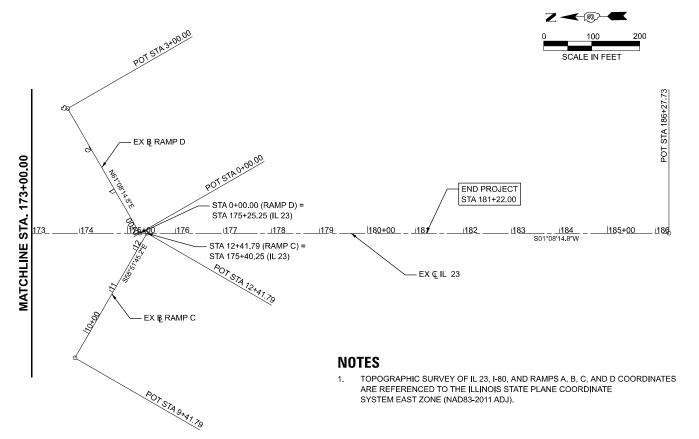
STA 160+90.00

EX **Q** IL 23

ALIGNMENT COORDINATES - EX CL I-80								
POINT	STATION	NORTHING	EASTING					
PI	484+61.55	1715661.9620	846291.1587					
PT	485+00.00	1715662.4165	846329.6100					

ALIGNMENT COORDINATES - RAMP D							
POINT	STATION	NORTHING	EASTING				
POT	0+00.00	1715185.4659	846281.6981				
POT	3+00.00	1715330.2790	846544.4321				

ALIGNMENT COORDINATES - RAMP C									
POINT	STATION	NORTHING	EASTING						
POT	9+41.79	1715325.5967	846024.6215						
POT	12+41.79	1715170.4689	846281.4003						



PERMANENT SURVEY MARKER SCHEDULE									
MONUMENT DESCRIPTION NUMBER		APPROXIMATE LOCATION		PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY			
080100	W QTR CORNER SECTION 36, T34N, R3E, 3RD PM	6.8' RT STA 172+06.47	BRASS PLAQUE	TYPE 1	YES	2			

POT STA 11+85.72

BM #2 ---

R.E. WILL INFORM PLATS AND PLANS WHEN FINAL SURFACE IS TO BE APPLIED SO EXISTING TRAFFIC CONTROL CAN BE UTILIZED WHILE INSTALLING THE PERMANENT SURVEY MARKER.

EX & RAMP B

STA 11+85.72 (RAMP B) = -

STA 165+57.07 (IL 23)

STA 0+00 (RAMP A) = -

STA 165+72.02 (IL 23)

EX & RAMP A

– EX € I-80

- STA 484+61.55 (IL 80) =

PT STA 484+23.92

STA 170+48.66 (IL 23) PI STA 484+61.55 __172

CP #2 —

IKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS AND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

SECTION

COUNTY

CONTRACT NO. 66P53

80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 13

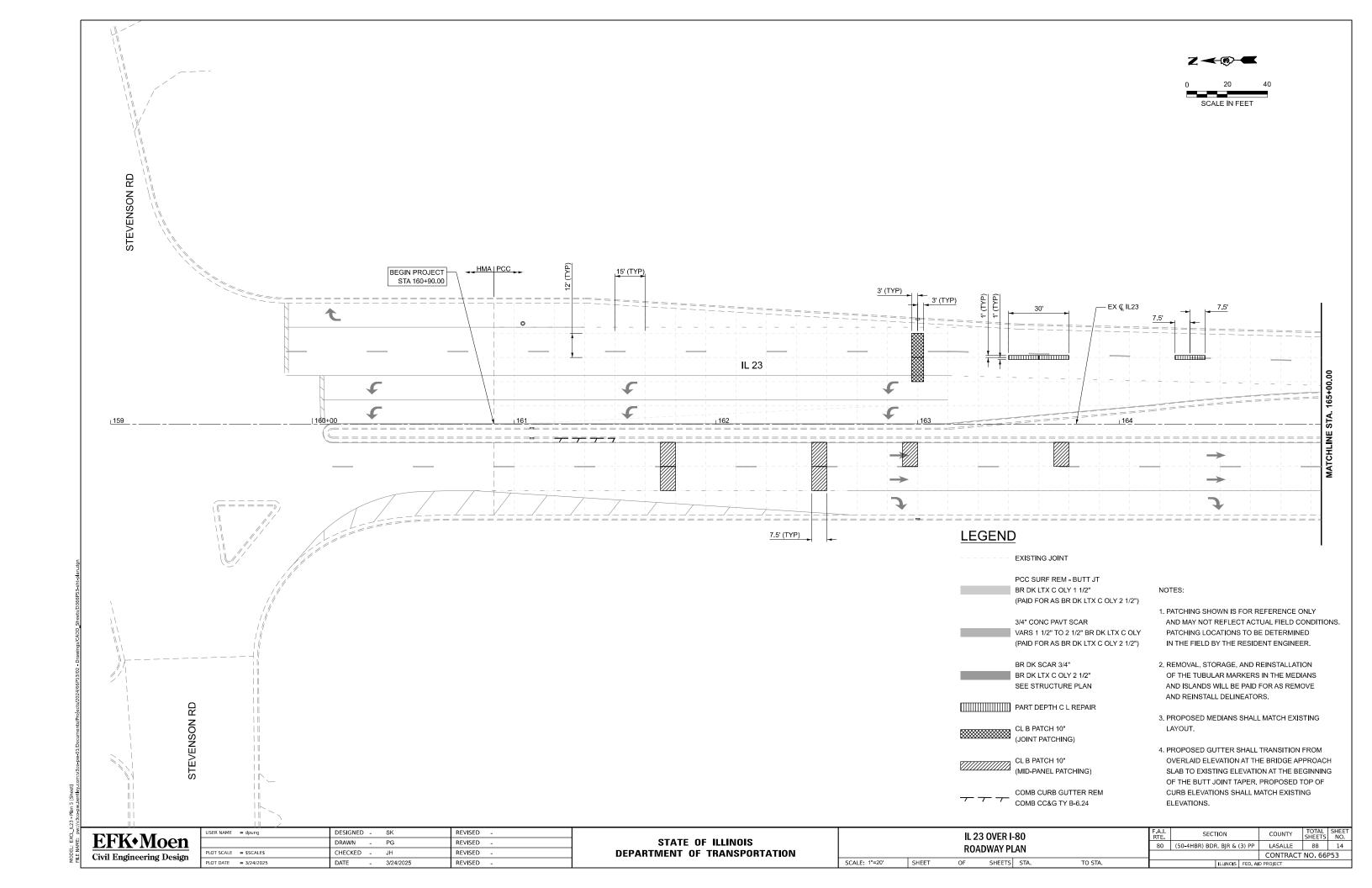
NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED.

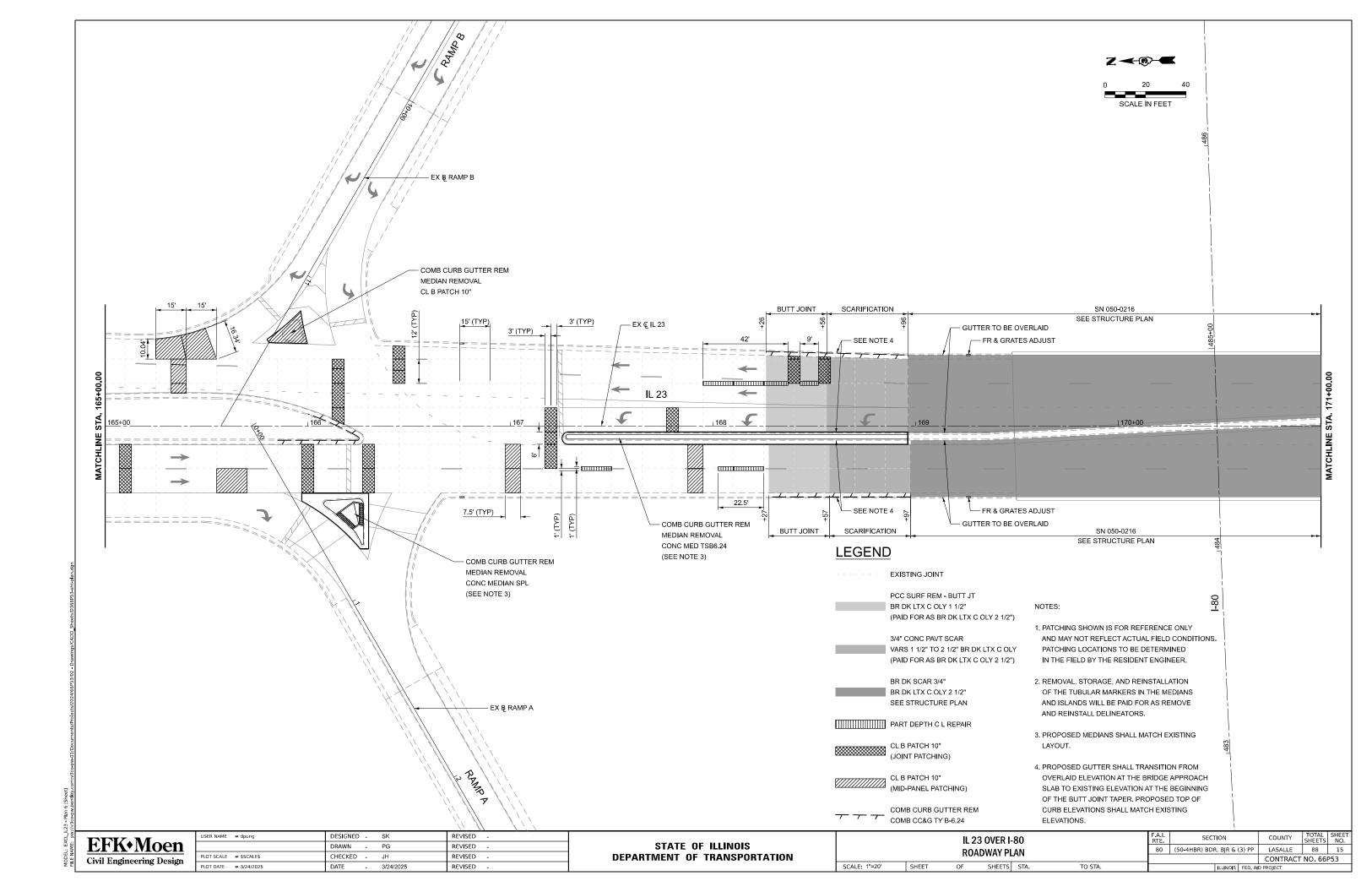
PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORD.

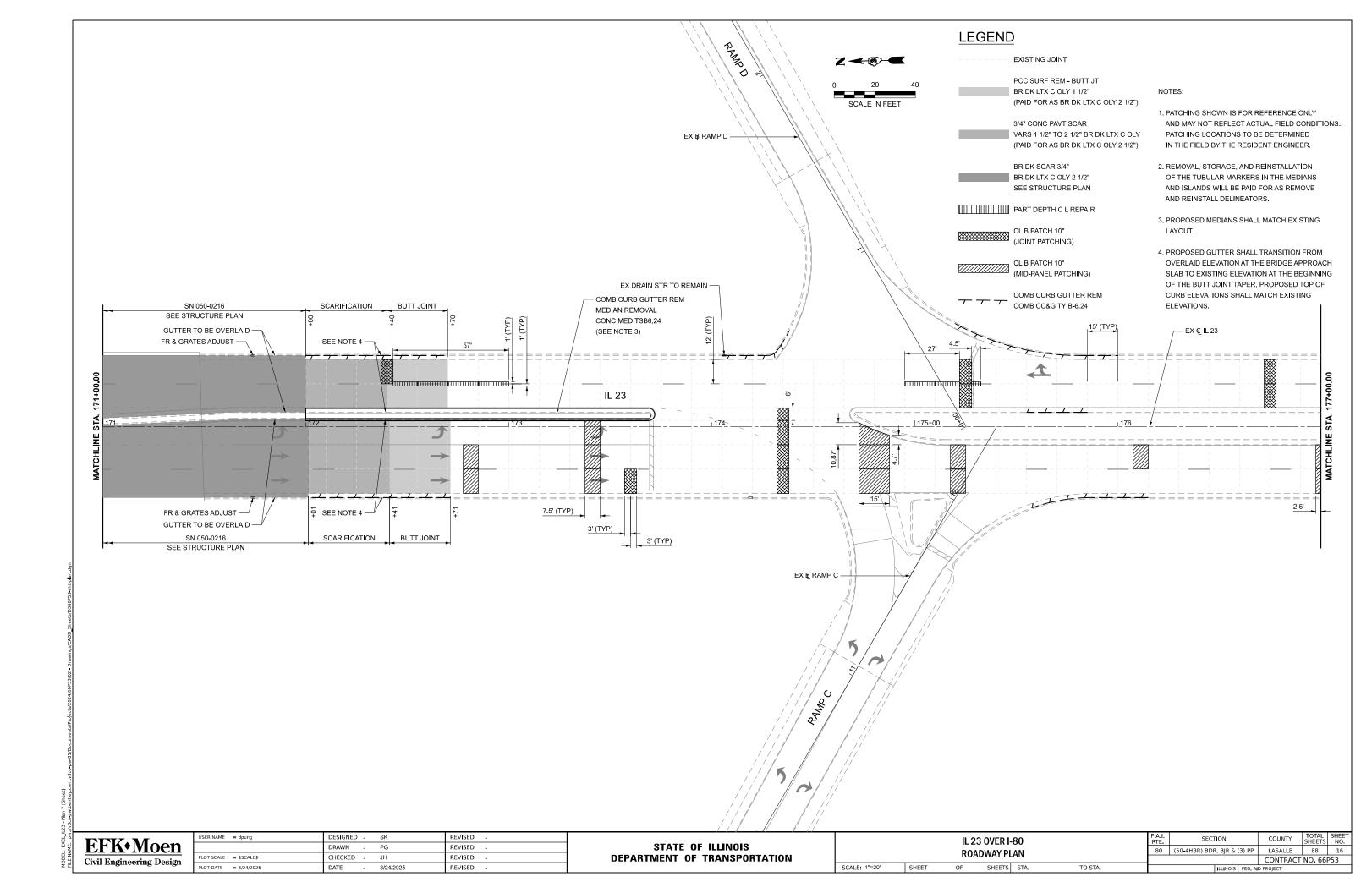
RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)

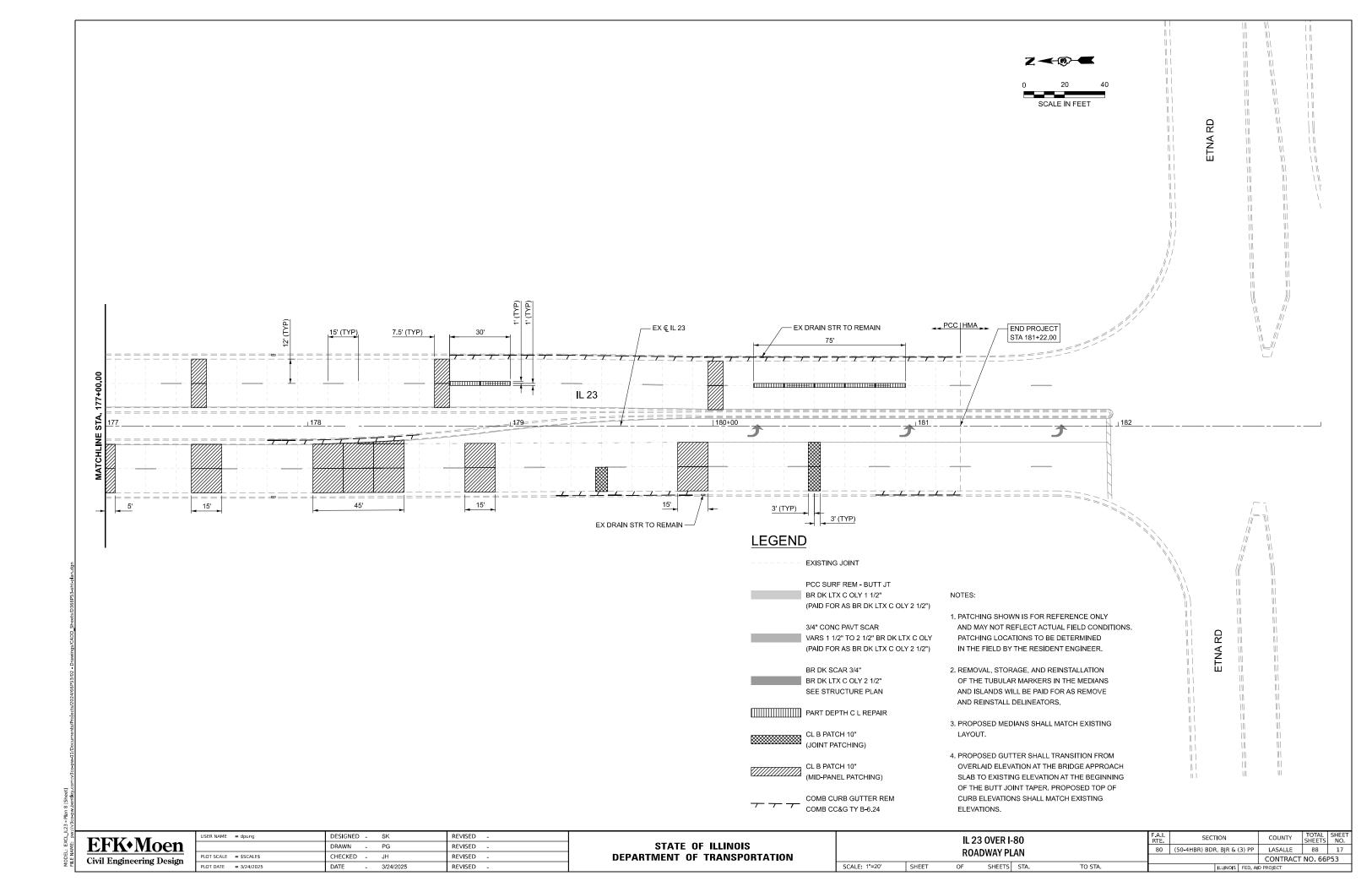
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

					Z) TEATO AND TEANO TO	TRE-EGIABEION	INCITORILITI			
	USER NAME = dpung	DESIGNED - SK	REVISED -	IL 23 OVER I-80						
EFK•Moen		DRAWN - PG	REVISED -	STATE OF ILLINOIS						
Civil Engineering Design	PLOT SCALE = \$SCALE\$	CHECKED - JH	REVISED -	DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES, AND BENCHMARKS					
	PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -		SCALE: 1"=100'	SHEET	OF SHE	ETS S	STA.	TO STA.









STAGING PLAN - GENERAL NOTES

- THE STAGING PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THE CONTRACT. THE CONTRACTOR MAY MODIFY THE STAGING PLANS TO MEET CONSTRUCTION NEEDS. BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL
- ALL EXISTING AND TEMPORARY PAVEMENT MARKINGS FROM PRIOR STAGES THAT ARE IN CONFLICT SHALL
- ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER
- SIGNS DESIGNATED AS (O) SHALL HAVE FLUORESCENT ORANGE SHEETING MATERIAL
- THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER, DO NOT PLACE TAPE OR DRILL INTO THE FACE OF THE SIGN WHEN COVERING
- ON EB AND WB I-80, A SIGN ASSEMBLY CONSISTING OF WIDTH RESTRICTION SIGN W12-I102-48 AND IL 23 SIGN M1-5-3636 SHALL BE INSTALLED ADJACENT TO THE EXISTING GROUND-MOUNTED EXIT 90: IL 23 / OTTAWA / DEKALB GUIDE SIGNS (LOCATED AT THE EXIT, 1/2 MILE AWAY, AND 1 MILE AWAY), THE COST OF SUPPLYING, INSTALLING, MAINTAINING, AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL)
- OFF-PEAK HOURS ARE DEFINED AS 6:00 PM TO 10:00 AM.

IL 23 STAGING PLAN - STAGING NOTES

PRE-STAGE A

TRAFFIC

- ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
- ACCELERATED CONCRETE PATCHING TO BE UTILIZED TO MINIMIZE RAMP CLOSURE DURATION.
- RAMP CLOSURE NOT TO EXCEED 24 HOURS.
- CLOSE RAMP B UTILIZING DISTRICT 3 STANDARD 720-7 (FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS) AND HIGHWAY STANDARD 701411 ONLY WHILE CONSTRUCTION IS OCCURRING.
- CLOSE NB OUTSIDE LANE AT RAMP B UTILIZING HIGHWAY STANDARD 701601 ONLY WHILE CONSTRUCTION IS
- MAINTAIN ONE 12' NB LANE ON EXISTING INSIDE LANE.

CONSTRUCTION

- REMOVE ISLAND AND CONSTRUCT PATCHING AT RAMP B.
- INSTALL TEMPORARY PAVEMENT MARKINGS FOR PAINTED ISLAND PER DISTRICT 3 STANDARD 780-21 (TYPICAL ISLAND MARKINGS)
- CONSTRUCT PATCHING/REPAIRS ON NB OUTSIDE LANE AT RAMP B

PRE-STAGE B

TRAFFIC

- ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS, ALL LANES MUST BE OPEN DURING PEAK HOURS.
- ACCELERATED CONCRETE PATCHING TO BE UTILIZED TO MINIMIZE RAMP CLOSURE DURATION.
- RAMP CLOSURE NOT TO EXCEED 24 HOURS.
- CLOSE RAMP A, SB RIGHT TURN LANE TO RAMP A, AND NB LEFT TURN LANE TO RAMP A UTILIZING DISTRICT 3 STANDARD 720-7 (FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS) AND HIGHWAY STANDARD 701411 ONLY WHILE CONSTRUCTION IS OCCURRING.
- CLOSE SB OUTSIDE LANE AT RAMP A UTILIZING HIGHWAY STANDARD 701601 ONLY WHILE CONSTRUCTION IS
- MAINTAIN ONE 12' SB LANE ON EXISTING INSIDE LANE.

- REMOVE ISLAND AND CONSTRUCT TEMPORARY PAVEMENT AT RAMP A.
- INSTALL TEMPORARY PAVEMENT MARKINGS FOR CROSSWALK AND PAINTED ISLAND PER DISTRICT 3 STANDARDS 780-3 (TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS) AND 780-21 (TYPICAL ISLAND MARKINGS)
- CONSTRUCT PATCHING/REPAIRS ON SB OUTSIDE LANE AT RAMP A.

STAGE 1

TRAFFIC

- CLOSE INSIDE LANE IN EACH DIRECTION AS SHOWN ON PLANS.
- MAINTAIN ONE 12' LANE IN EACH DIRECTION ON EXISTING OUTSIDE LANE.
- MAINTAIN ONE LEFT TURN LANE FOR RAMPS A AND D ON EXISTING INSIDE THROUGH LANE.
- MAINTAIN ALL I-80 RAMP MOVEMENTS.

- REMOVE MEDIAN AND CONSTRUCT TEMPORARY PAVEMENT.
- CONSTRUCT INSIDE LANE PATCHING/REPAIRS AND MEDIAN CURB AND GUTTER REPLACEMENT.

SUBSTAGE 1A

- MAINTAIN ONE 11' LANE NB THROUGH LANE NORTH OF RAMP B.
- SHIFT SB LEFT TURN LANE ACCESS BETWEEN RAMP C AND ETNA RD.

CONSTRUCTION

CONSTRUCT INSIDE LANE PATCHING/REPAIRS.

IL 23 STAGING PLAN - STAGING NOTES CONTINUED

TRAFFIC

- ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
- ACCELERATED CONCRETE PATCHING TO BE UTILIZED TO MINIMIZE RAMP CLOSURE DURATION
- RAMP CLOSURES NOT TO EXCEED 24 HOURS
- CLOSE NB AND SBILEFT TURN LANES TO RAMPS A AND DIONLY WHILE CONSTRUCTION IS OCCURRING.
- CLOSE RAMPS B AND C LEFT TURN LANES ONLY WHILE CONSTRUCTION IS OCCURRING

CONSTRUCT INSIDE LANE AND LEFT TURN LANE PATCHING/REPAIRS AND MEDIAN CURB AND GUTTER REPLACEMENT

STAGE 2

TRAFFIC

- CLOSE OUTSIDE LANE IN EACH DIRECTION WITH DRUMS AS SHOWN ON PLANS.
- MAINTAIN ONE 11' MIN LANE IN EACH DIRECTION ON EXISTING INSIDE LANE.
- BETWEEN RAMPS A/B AND C/D, SHIFT BOTH LANES TO EXISTING SB PAVEMENT.
- MAINTAIN ALL I-80 RAMP MOVEMENTS.

CONSTRUCTION

- CONSTRUCT OUTSIDE LANE PATCHING/REPAIRS AND OUTSIDE CURB AND GUTTER REPLACEMENT.
- BETWEEN RAMPS B AND D, PERFORM ALL WORK ON NB ROADWAY AND BRIDGE

SUBSTAGE 2A

1. AT RAMP A, PROVIDE SB TAPERED RIGHT TURN LANE.

CONSTRUCTION

1. CONSTRUCT OUTSIDE LANE PATCHING/REPAIRS.

SUBSTAGE 2B

TRAFFIC

- ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
- ACCELERATED CONCRETE PATCHING TO BE UTILIZED TO MINIMIZE RAMP CLOSURE DURATION
- RAMP CLOSURE NOT TO EXCEED 24 HOURS
- CLOSE RAMP C LEFT TURN LANE ONLY WHILE CONSTRUCTION IS OCCURRING
- NB RIGHT TURNS TO RAMP DARE NOT ALLOWED FOR VEHICLES LARGER THAN WB-40 ONLY WHILE CONSTRUCTION IS

CONSTRUCTION

CONSTRUCT OUTSIDE LANE PATCHING/REPAIRS AND OUTSIDE CURB AND GUTTER REPLACEMENT.

STAGE 3

TRAFFIC

- CLOSE SB OUTSIDE LANE AND NB INSIDE LANE AS SHOWN ON PLANS.
- MAINTAIN ONE 11' MIN LANE IN EACH DIRECTION.
- BETWEEN RAMPS A/B AND C/D, SHIFT BOTH LANES TO NB PAVEMENT.
- MAINTAIN ALL I-80 RAMP MOVEMENTS.

- CONSTRUCT SB OUTSIDE LANE PATCHING/REPAIRS AT RAMP A.
- BETWEEN RAMPS A AND C, PERFORM ALL WORK ON SB ROADWAY AND BRIDGE.

STAGE 4

- CLOSE INSIDE LANE IN EACH DIRECTION AS SHOWN ON PLANS.
- MAINTAIN ONE 12' LANE IN EACH DIRECTION ON EXISTING OUTSIDE LANE.
 - MAINTAIN ONE LEFT TURN LANE AT RAMPS A AND D ON EXISTING INSIDE THROUGH LANE
 - MAINTAIN ALL I-80 RAMP MOVEMENTS.

CONSTRUCTION

REMOVE TEMPORARY PAVEMENT AND CONSTRUCT MEDIAN.

POST-STAGE A

TRAFFIC

- ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.
- CLOSE RAMP A, SB RIGHT TURN LANE FOR RAMP A, AND NB LEFT TURN LANE FOR RAMP A UTILIZING DISTRICT 3
- STANDARD 720-7 (FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS) AND HIGHWAY STANDARD 701411. CLOSE SB OUTSIDE LANE AT RAMP A UTILIZING HIGHWAY STANDARD 701601
- MAINTAIN ONE 12' SB LANE ON EXISTING INSIDE LANE.

CONSTRUCTION

REMOVE TEMPORARY PAVEMENT AND CONSTRUCT ISLAND AT RAMP A.

SCALE: NTS

SECTION IL 23 OVER I-80 COUNTY 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 STAGING PLAN - STAGING NOTES CONTRACT NO. 66P53

IL 23 STAGING PLAN - STAGING NOTES CONTINUED

CLOSE ONE LANE AT A TIME UTILIZING HIGHWAY STANDARDS 701601 AND 701701.

UTILIZE HIGHWAY STANDARD 701426 TO INSTALL PERMANENT PAVEMENT MARKINGS

MAINTAIN ONE 12' LANE IN EACH DIRECTION AT ALL TIMES.

I-80 STAGING PLAN - STAGING NOTES

UTILIZE FLAGGERS AT RAMP A AND RAMP B

INSTALL PERMANENT PAVEMENT MARKINGS.

PRE-STAGE 2, POST-STAGE 2, PRE-STAGE 3, POST-STAGE 3

MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES.

ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.

ALL WORK TO BE PERFORMED DURING OFF-PEAK HOURS. ALL LANES MUST BE OPEN DURING PEAK HOURS.

CLOSE ONE LANE AT A TIME ON I-80 UTILIZING STANDARDS 701400, 701406, 701411, AND 701428.

INSTALL AND REMOVE PROTECTIVE SHIELD AS NEEDED. SEE STRUCTURE PLAN.

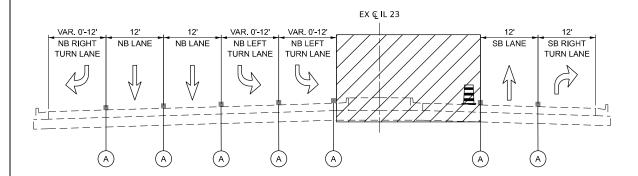
POST-STAGE E

CONSTRUCTION

TRAFFIC

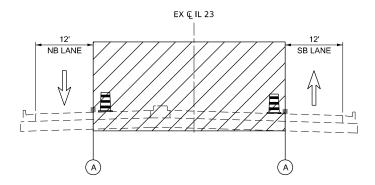
TRAFFIC

CONSTRUCTION



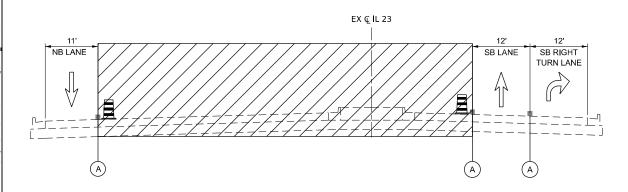
IL 23 TYPICAL SECTION STAGE 1

STA 160+90.00 TO STA 165+25.00 (FACING SOUTH)

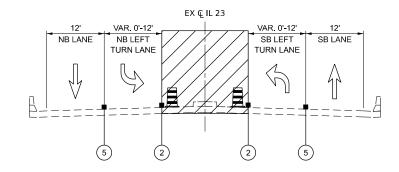


IL 23 TYPICAL SECTION STAGE 1

STA 173+71.79 TO STA 179+00.00 (FACING SOUTH)

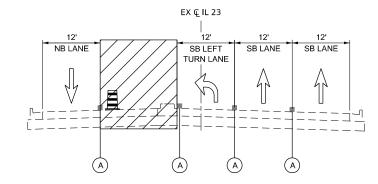


STA 162+92.50 TO STA 165+95.04 (FACING SOUTH)



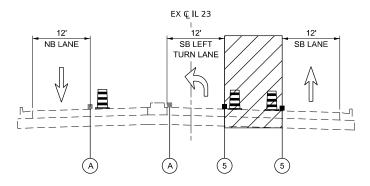
IL 23 TYPICAL SECTION STAGE 1

STA 165+25.00 TO STA 173+71.79 (FACING SOUTH)



IL 23 TYPICAL SECTION STAGE 1

STA 179+00.00 TO STA 181+97.00 (FACING SOUTH)



IL 23 TYPICAL SECTION SUBSTAGE 1A

SCALE: NTS

STA 179+75.00 TO STA 180+57.50 (FACING SOUTH)

LEGEND



DRUMS



TUBULAR MARKER

EXISTING PAVEMENT MARKING OR PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TAPE TYPE IV - (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -TAPE TYPE IV (SOLID WHITE)

TEMPORARY PAVEMENT



WORK AREA

NOTES:

TEMPORARY PAVEMENT CONSISTS OF: - PORTLAND CEMENT CONCRETE PAVEMENT, 9-1/4" - SUBBASE GRANULAR MATERIAL, 12"

IL 23 TYPICAL SECTION SUBSTAGE 1A

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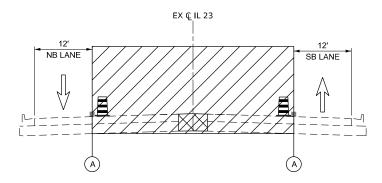
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	DRAWN	-	PG	REVISED	-
PLOT SCALE = \$SCALE\$	CHECKED	-	JH	REVISED	-
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

STAG		23 OVER I- N - TYPIC	80 AL SECTIONS
SHEET	OF	SHEETS	STA.

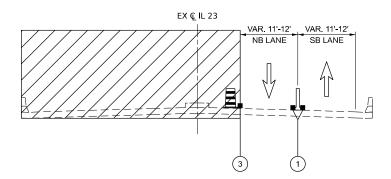
TO STA.

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 19 CONTRACT NO. 66P53



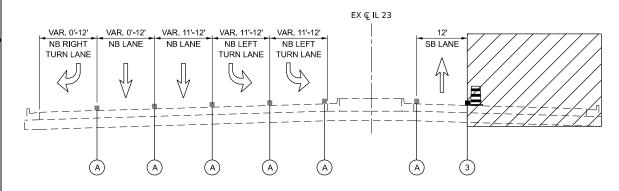
IL 23 TYPICAL SECTION SUBSTAGE 1B

STA 165+95,04 TO STA 168+02.50 STA 174+27.50 TO STA 175+02.50 (FACING SOUTH)



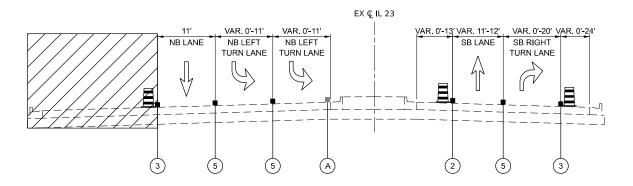
IL 23 TYPICAL SECTION STAGE 2

STA 167+15.32 TO STA 174+41.55 (FACING SOUTH)



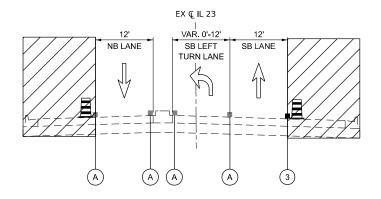
IL 23 TYPICAL SECTION SUBSTAGE 2A

STA 160+90.00 TO STA 162+62.50 (FACING SOUTH)



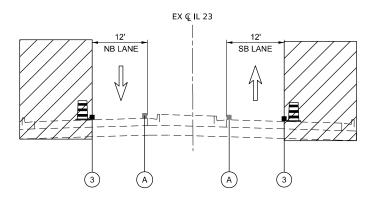
IL 23 TYPICAL SECTION STAGE 2

STA 162+92.50 TO STA 164+78.32 (FACING SOUTH)



IL 23 TYPICAL SECTION STAGE 2

STA 175+56.13 TO STA 181+22.00 (FACING SOUTH)



IL 23 TYPICAL SECTION SUBSTAGE 2B

SCALE: NTS

STA 174+20.00 TO STA 176+67.50 (FACING SOUTH)

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	DRAWN - PG	REVISED -
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PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL 23 OVER I-80						F.A.I RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
STAGING PLAN - TYPICAL SECTIONS							(50-4HBR) BDR, BJR & (3) PP		LASALLE	88	20	
STACING LAN-TH TOAL SECTIONS								CONTRACT NO. 66P53				
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

LEGEND



DRUMS



TUBULAR MARKER

SEXISTING PAVEMENT MARKING OR PAVEMENT



TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" - TAPE TYPE IV (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" - TAPE TYPE IV - (WHITE, 10' DASH - 30' SKIP)

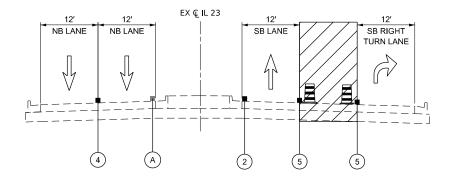
TEMPORARY PAVEMENT MARKING - LINE 8" - TAPE TYPE IV (SOLID WHITE)

ТІ

TEMPORARY PAVEMENT

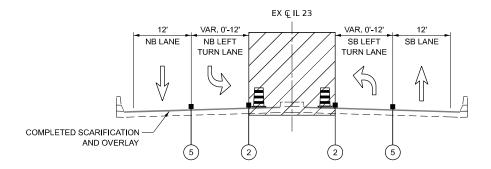


WORK AREA



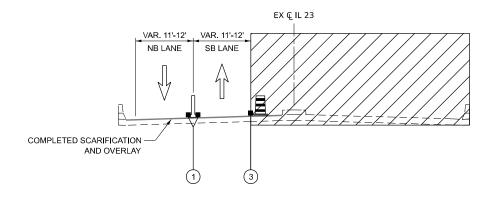
IL 23 TYPICAL SECTION STAGE 3

STA 165+02.50 TO STA 165+77.50 (FACING SOUTH)



IL 23 TYPICAL SECTION STAGE 4

STA 167+08.90 TO STA 173+81.72 (FACING SOUTH)



IL 23 TYPICAL SECTION STAGE 3

STA 166+82.50 TO STA 174+42.50 (FACING SOUTH)

SCALE: NTS

LEGEND

DRUMS

EXISTING PAVEMENT MARKING OR PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TUBULAR MARKER

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TAPE TYPE IV (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TAPE TYPE IV - (WHITE, 10' DASH - 30' SKIP)

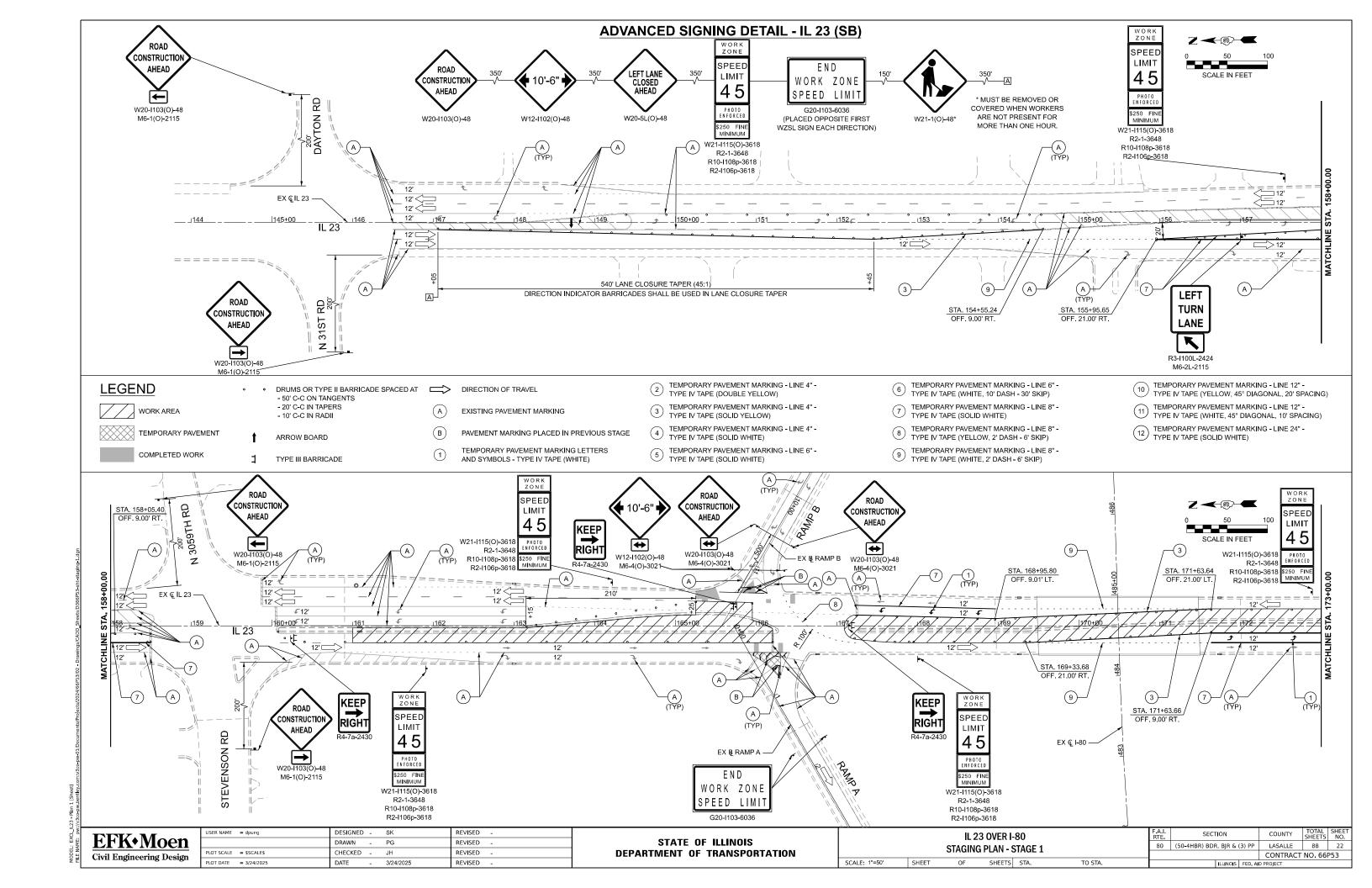
TEMPORARY PAVEMENT MARKING - LINE 8" -TAPE TYPE IV (SOLID WHITE)

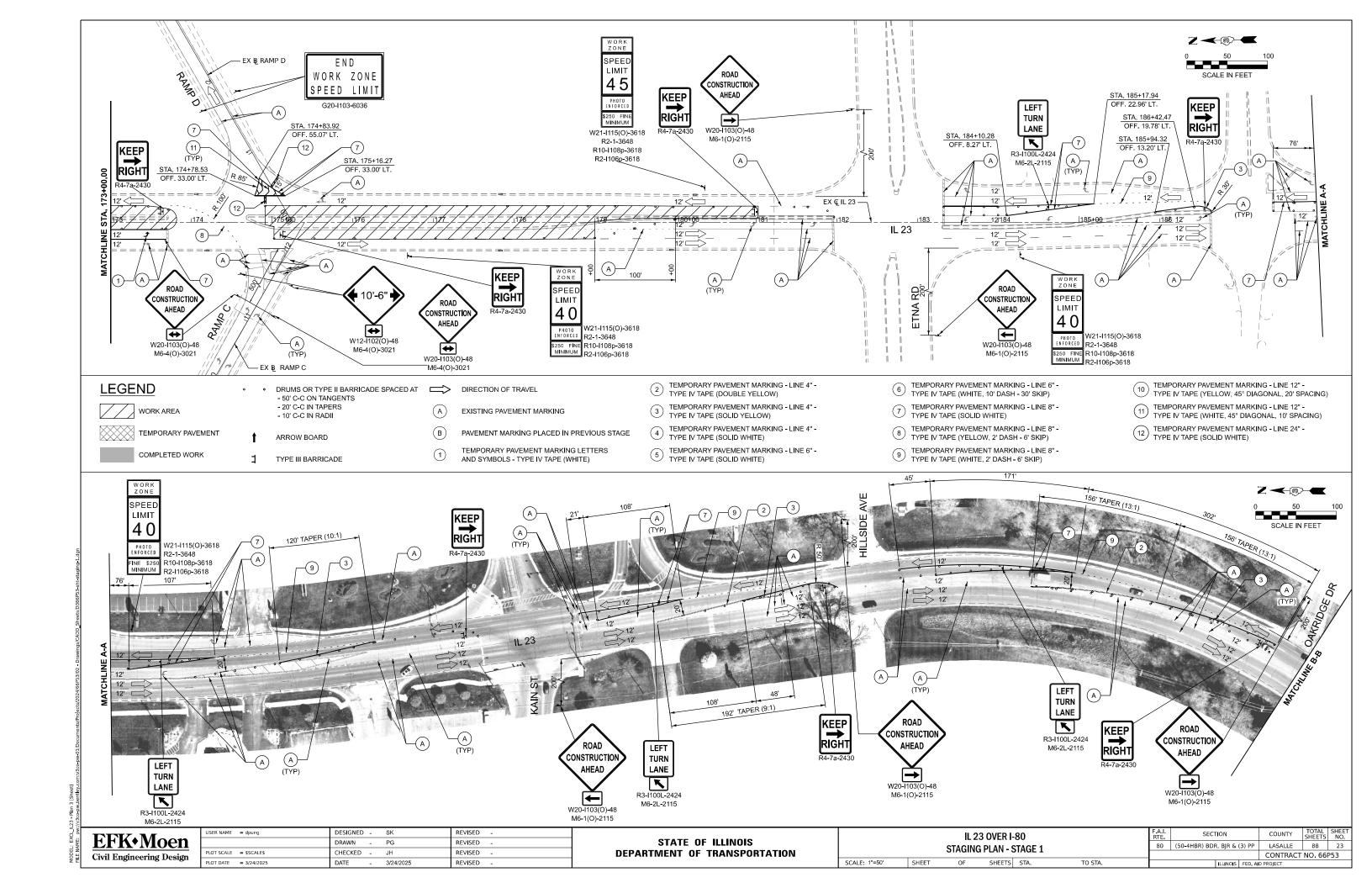
TEMPORARY PAVEMENT

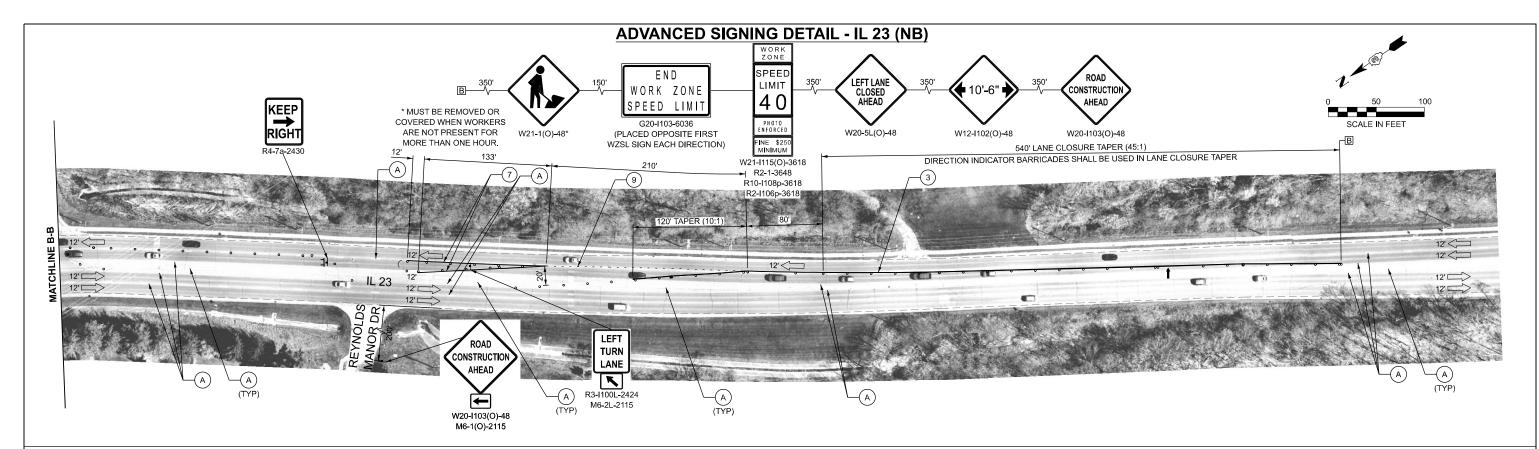
WORK AREA

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	DRAWN - PG	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JH	REVISED -
PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -







WORK AREA

TEMPORARY PAVEMENT

COMPLETED WORK

DRUMS OR TYPE II BARRICADE SPACED AT
 -50' C-C ON TANGENTS

- 20' C-C IN TAPERS - 10' C-C IN RADII

ARROW BOARD

TYPE III BARRICADE

DIRECTION OF TRAVEL

EXISTING PAVEMENT MARKING

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (SOLID WHITE)

TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -

TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 20' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 12" -TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 24" -12 TEMPORAKY PAVEINER TYPE IV TAPE (SOLID WHITE)

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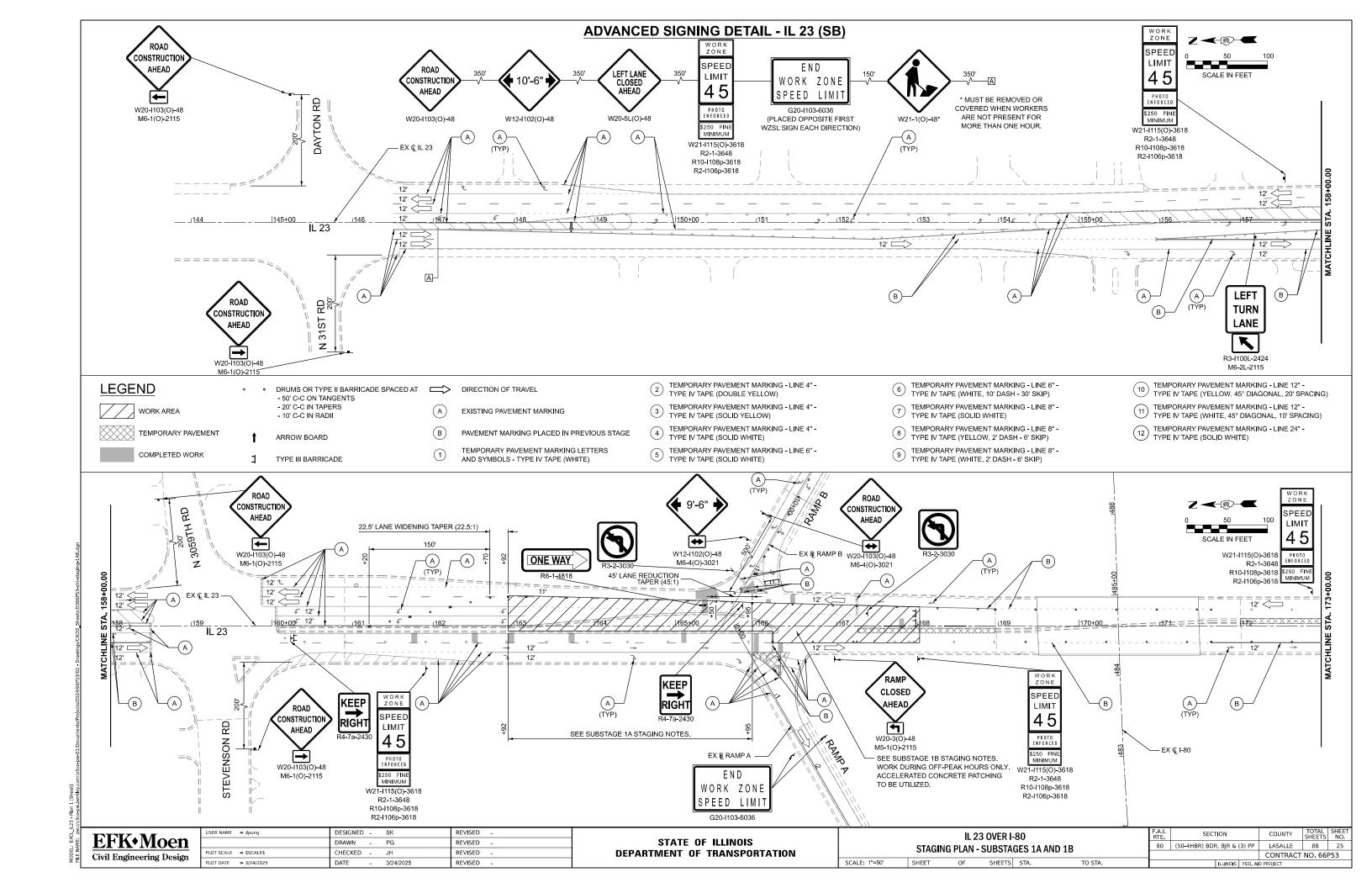
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

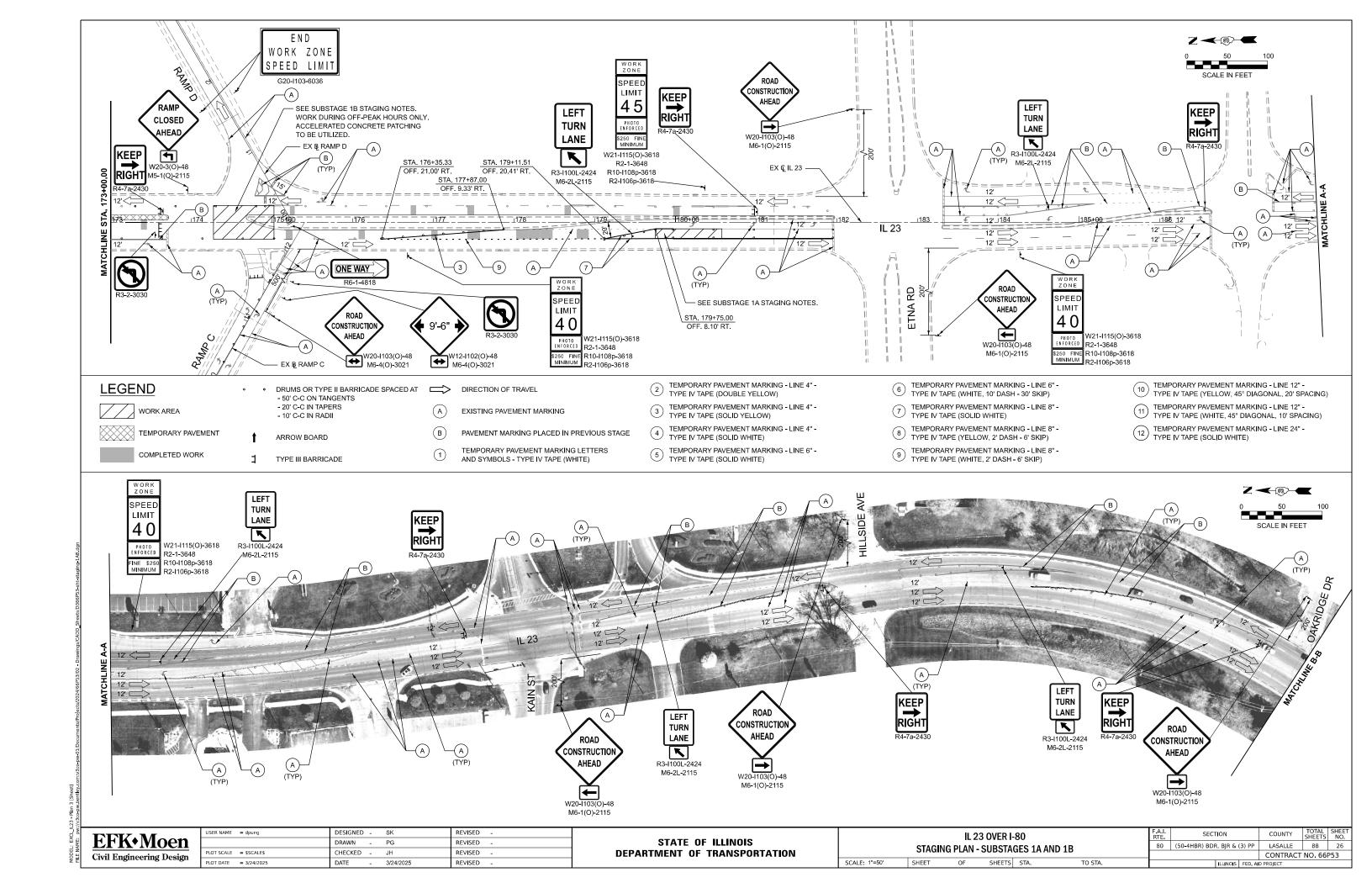
IL 23 OVER I-80 STAGING PLAN - STAGE 1 SHEET SHEETS STA.

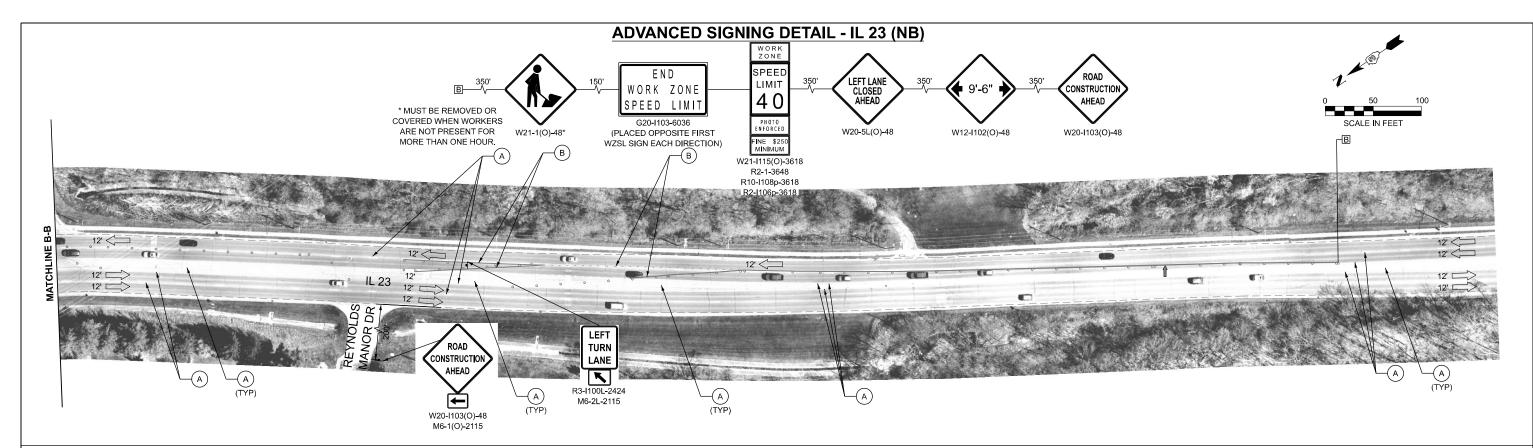
TO STA.

SCALE: 1"=50'

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 24 CONTRACT NO. 66P53







WORK AREA

TEMPORARY PAVEMENT

COMPLETED WORK

DRUMS OR TYPE II BARRICADE SPACED AT
 -50' C-C ON TANGENTS

- 20' C-C IN TAPERS

- 10' C-C IN RADII

ARROW BOARD

TYPE III BARRICADE

EXISTING PAVEMENT MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

1 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

7 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE)

8 TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)

9 TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP) TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 20' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 12" -TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

12 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)

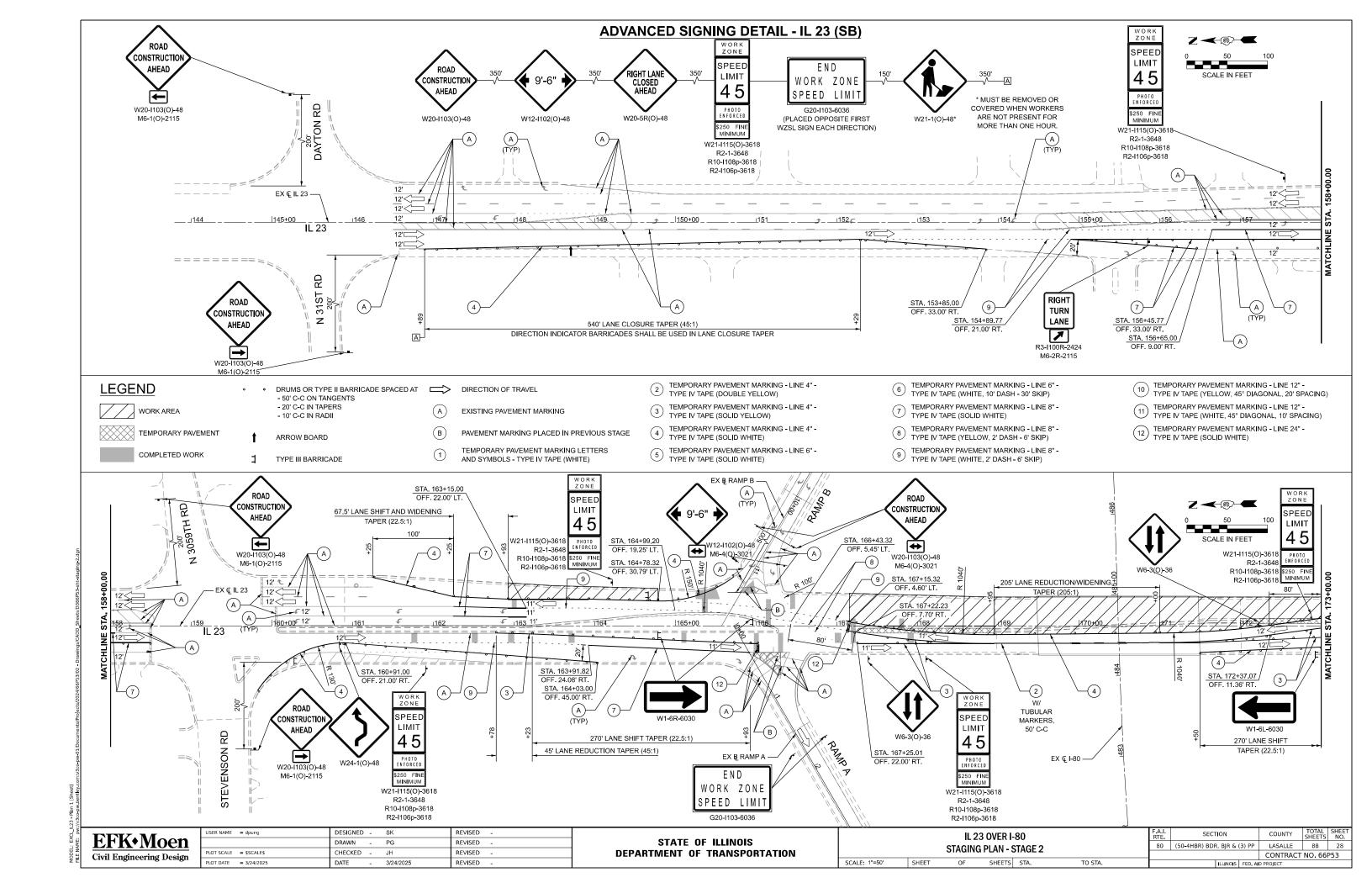
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Civil Engineering Design

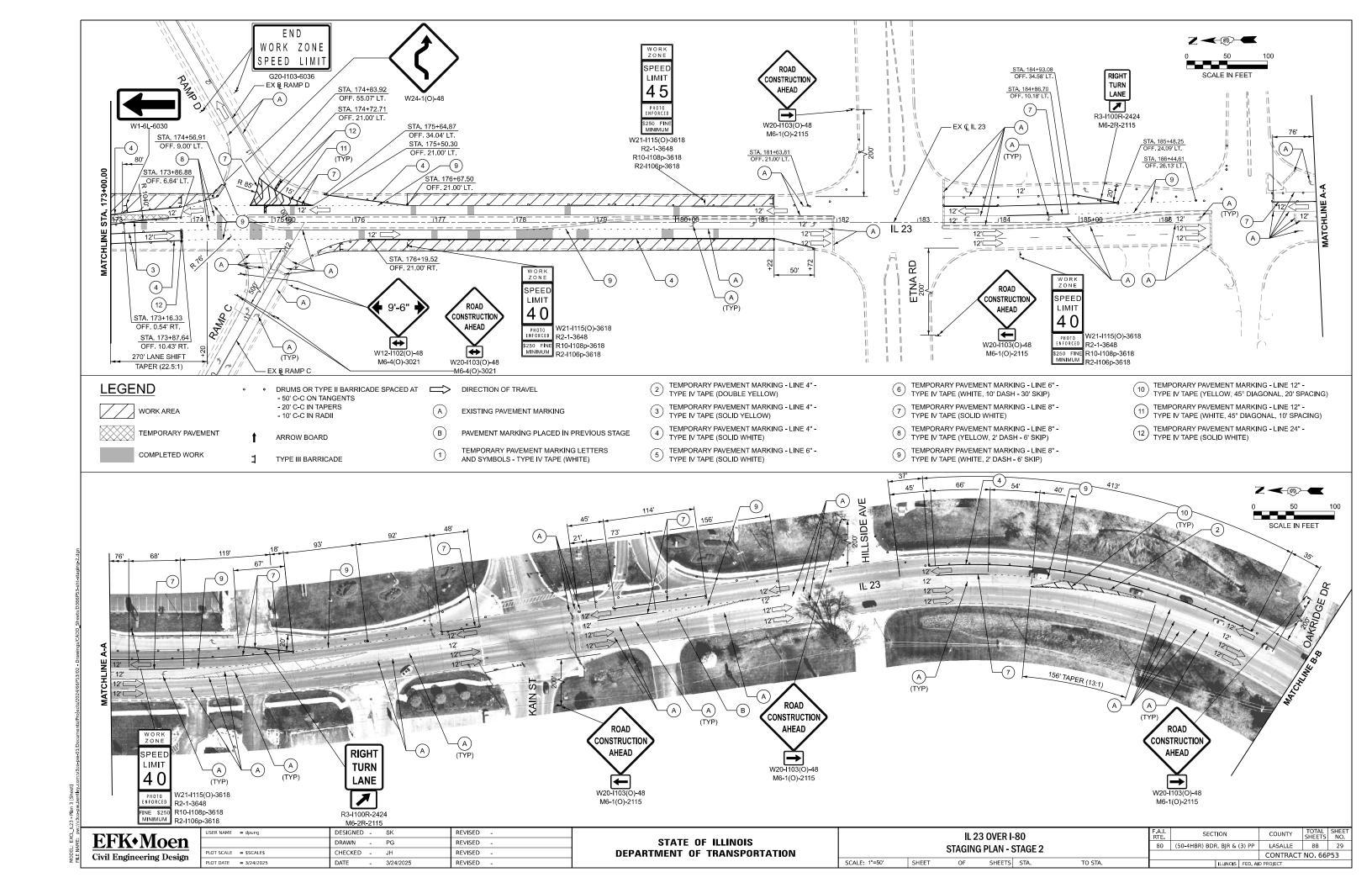
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

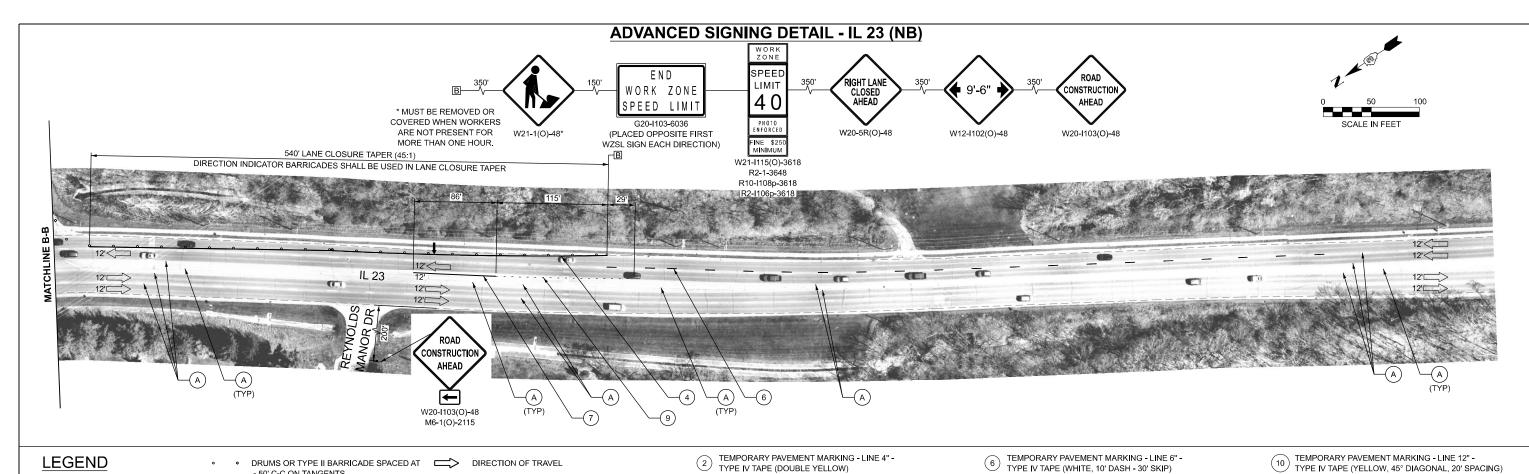
IL 23 OVER I-80
STAGING PLAN - SUBSTAGES 1A AND 1B
SHEET OF SHEETS STA. TO ST

SCALE: 1"=50"

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WORK AREA

TEMPORARY PAVEMENT

COMPLETED WORK

DRUMS OR TYPE II BARRICADE SPACED AT
 -50' C-C ON TANGENTS

- 20' C-C IN TAPERS

- 10' C-C IN RADII ARROW BOARD

TYPE III BARRICADE

EXISTING PAVEMENT MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)

TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -

TEMPORARY PAVEMENT MARKING - LINE 12" -TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 24" -12 TEMPORAKY PAVEINER TYPE IV TAPE (SOLID WHITE)

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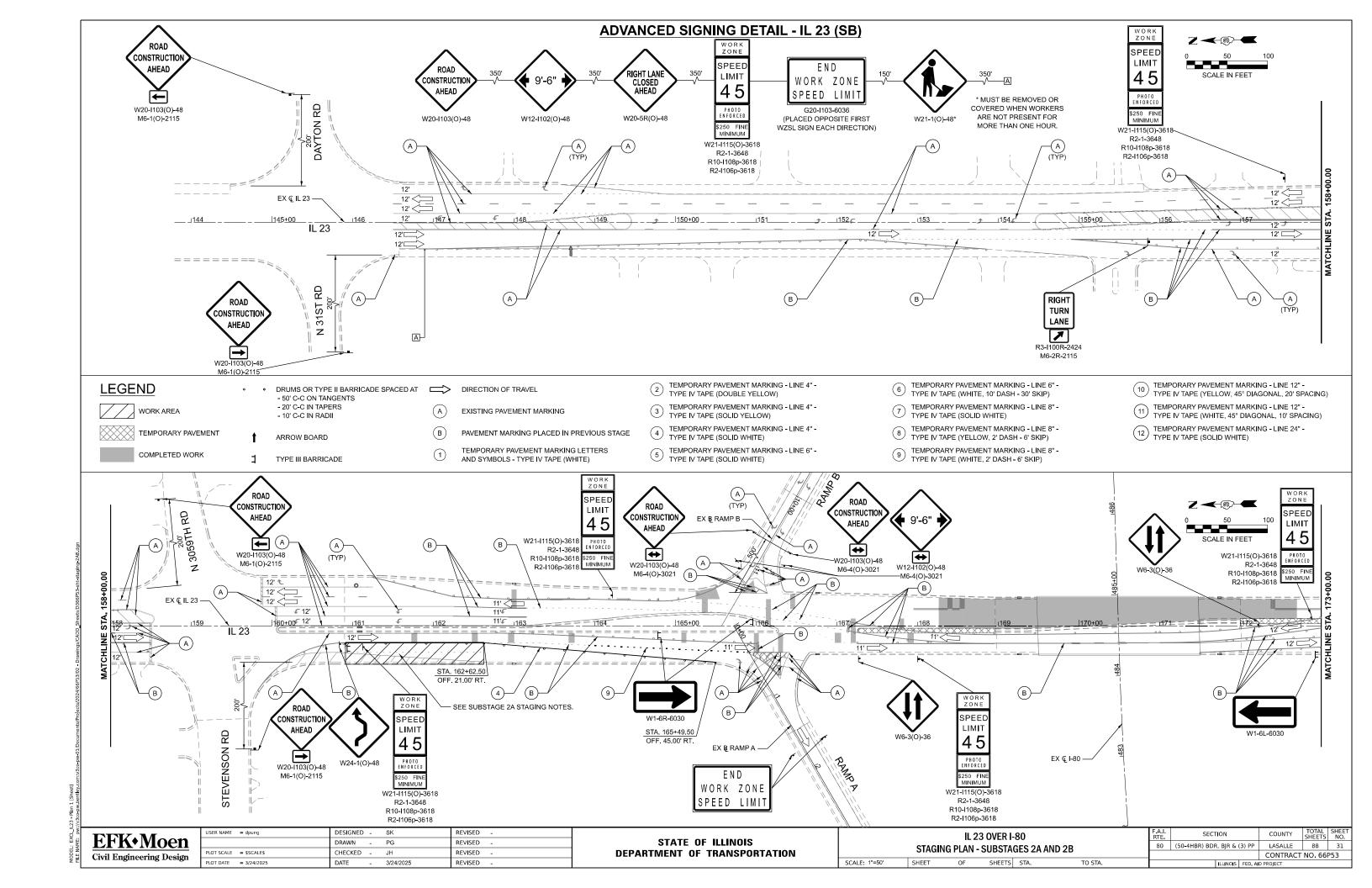
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

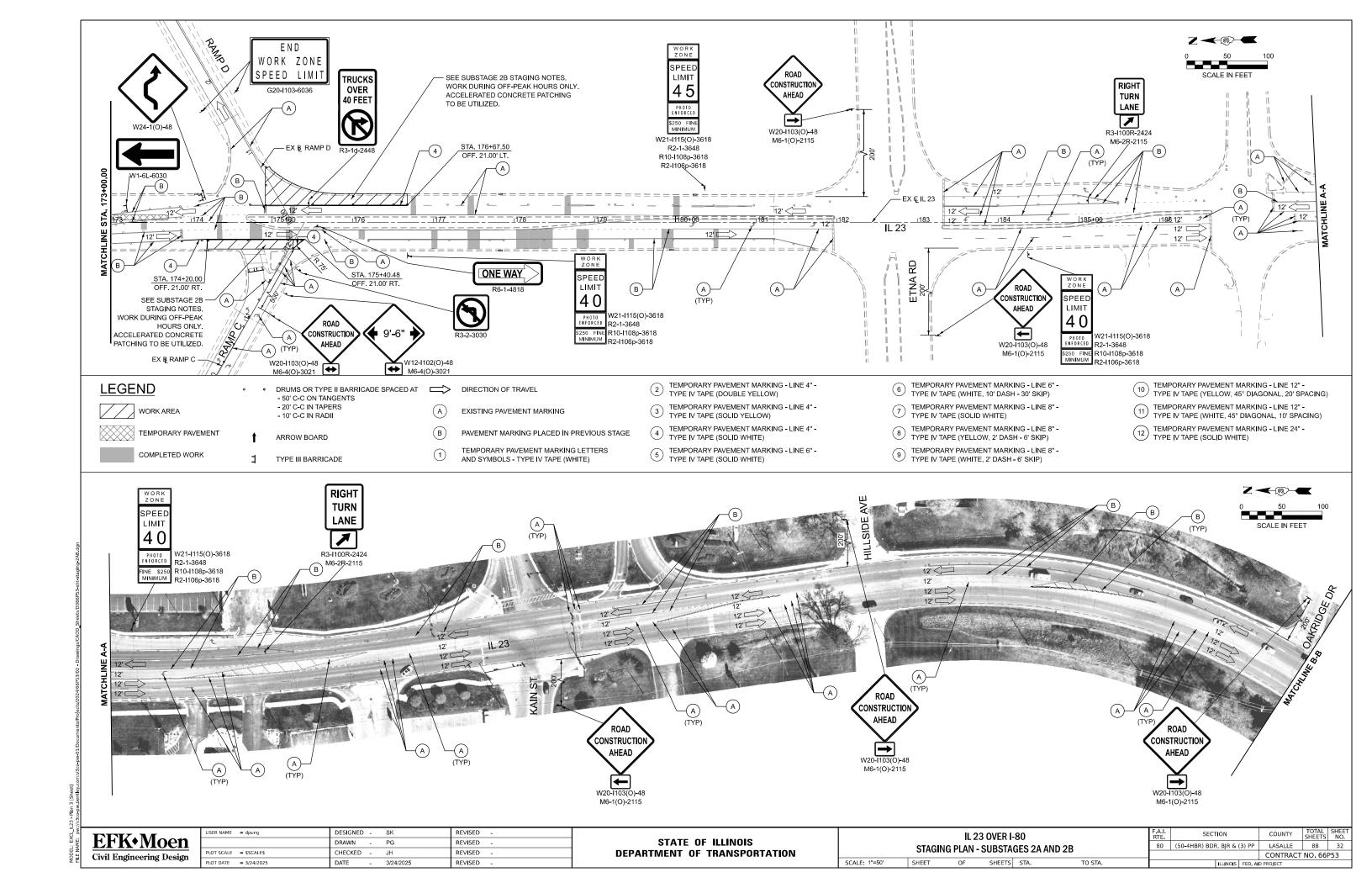
IL 23 OVER I-80 STAGING PLAN - STAGE 2 SHEET SHEETS STA.

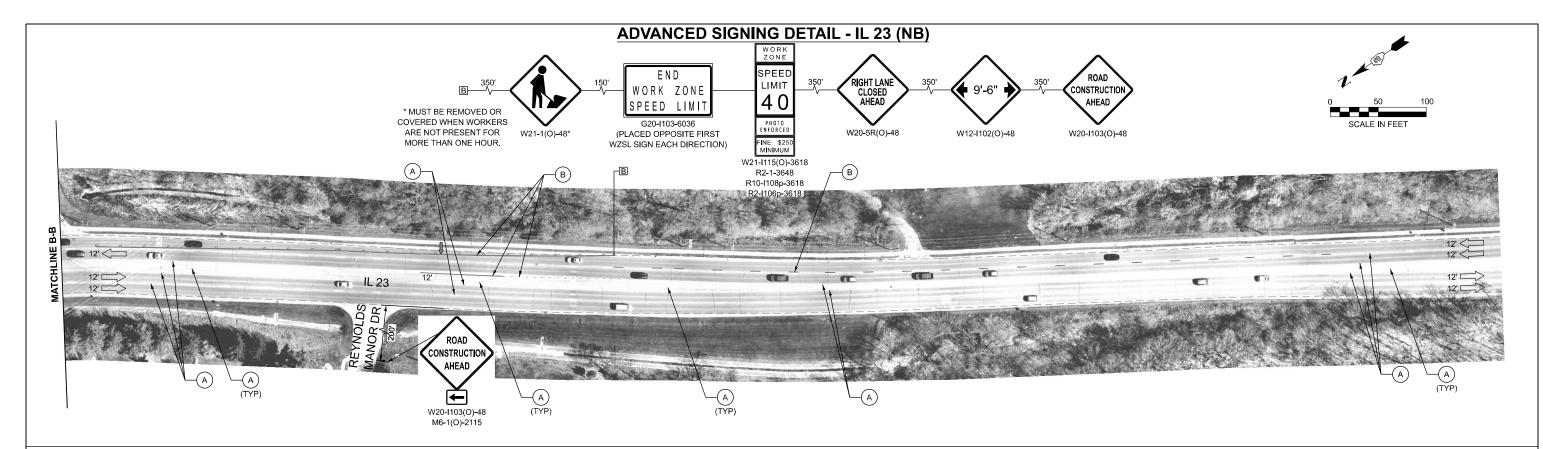
TO STA.

SCALE: 1"=50'

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 30 CONTRACT NO. 66P53







WORK AREA

TEMPORARY PAVEMENT

COMPLETED WORK

DRUMS OR TYPE II BARRICADE SPACED AT
 -50° C-C ON TANGENTS
 -20° C-C IN TAPERS

- 10' C-C IN RADII ARROW BOARD

TYPE III BARRICADE

EXISTING PAVEMENT MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)

TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" -

TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 20' SPACING) TEMPORARY PAVEMENT MARKING - LINE 12" -TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 24" -12 TYPE IV TAPE (SOLID WHITE)

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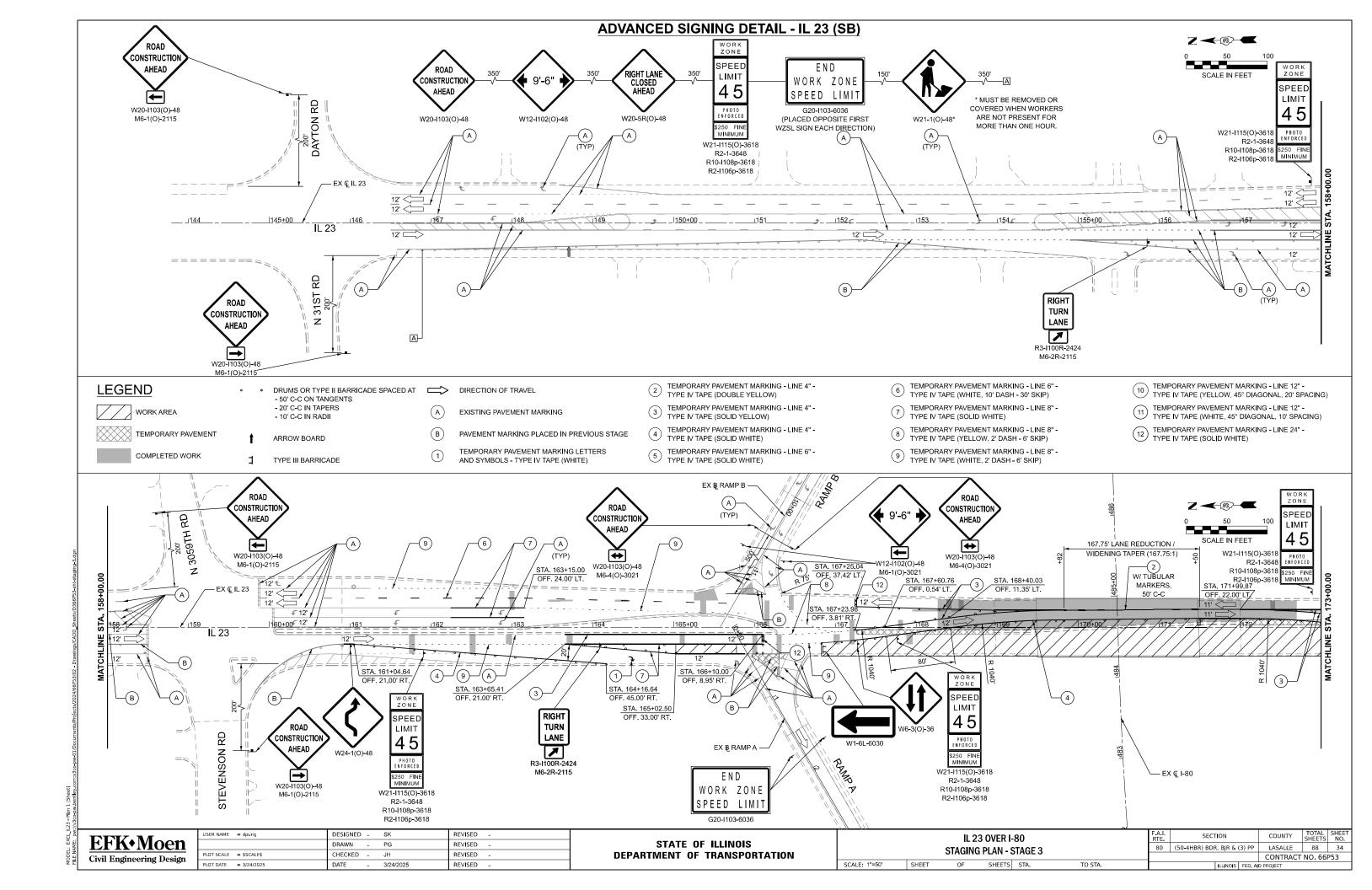
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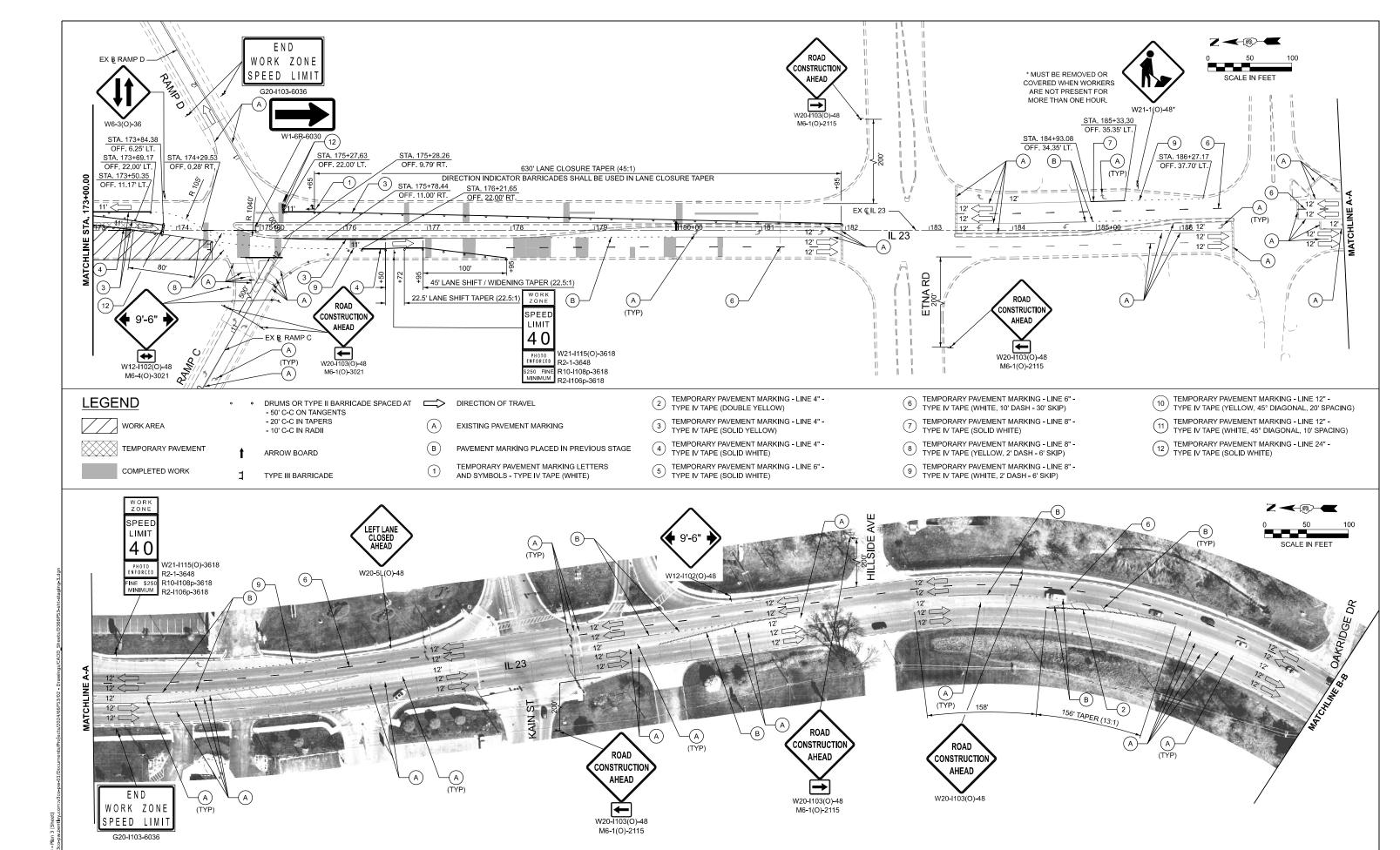
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

IL 23 OVER I-80 STAGING PLAN - SUBSTAGES 2A AND 2B OF SHEETS STA.

SCALE: 1"=50"

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 33 CONTRACT NO. 66P53





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Civil Engineering Design

 USER NAME
 = dpung
 DESIGNED
 SK
 REVISED

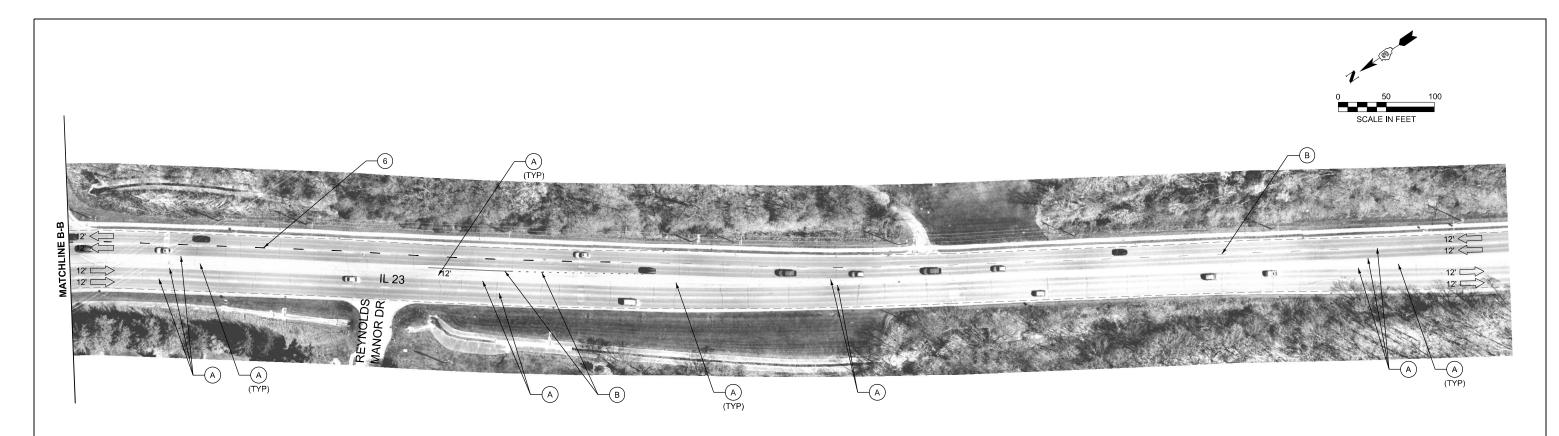
 PLOT SCALE
 = \$SCALE\$
 CHECKED
 JH
 REVISED

 PLOT DATE
 = 3/24/2025
 DATE
 3/24/2025
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'

SHEET



COMPLETED WORK

LEGEND

TEMPORARY PAVEMENT

DRUMS OR TYPE II BARRICADE SPACED AT
 -50' C-C ON TANGENTS
 -20' C-C IN TAPERS
 -10' C-C IN RADII

 DIRECTION OF TRAVEL

 EXISTING PAVEMENT MA

ARROW BOARD

TYPE III BARRICADE

EXISTING PAVEMENT MARKING

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -5 TEMPORARY PAVEMENT WORKS
TYPE IV TAPE (SOLID WHITE)

6 TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP)

9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 20' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)

EFK•Moen Civil Engineering Design

SER NAME = dpung DESIGNED - SK REVISED DRAWN PG REVISED CHECKED -REVISED PLOT DATE = 3/24/2025 REVISED - 3/24/2025

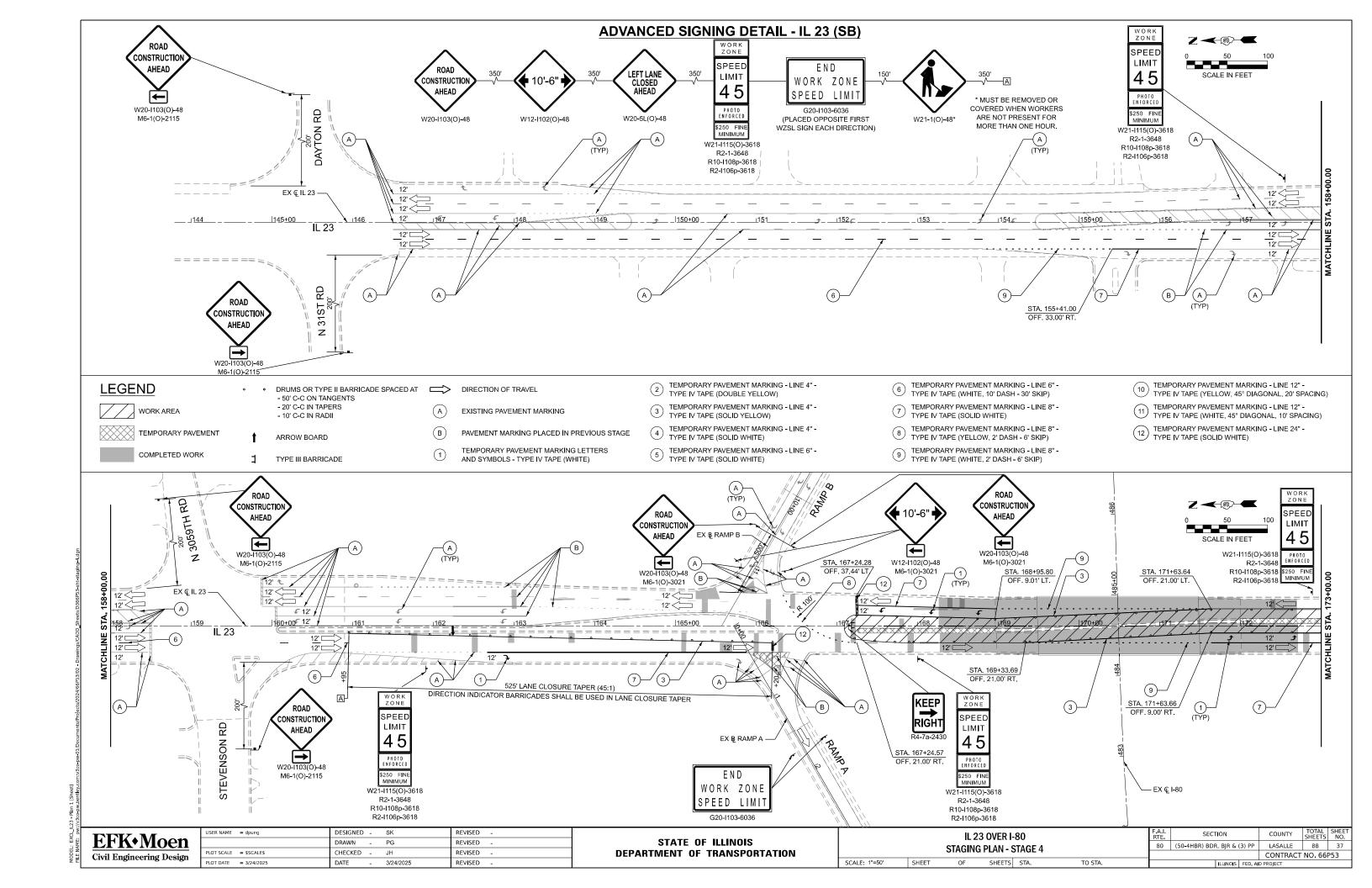
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

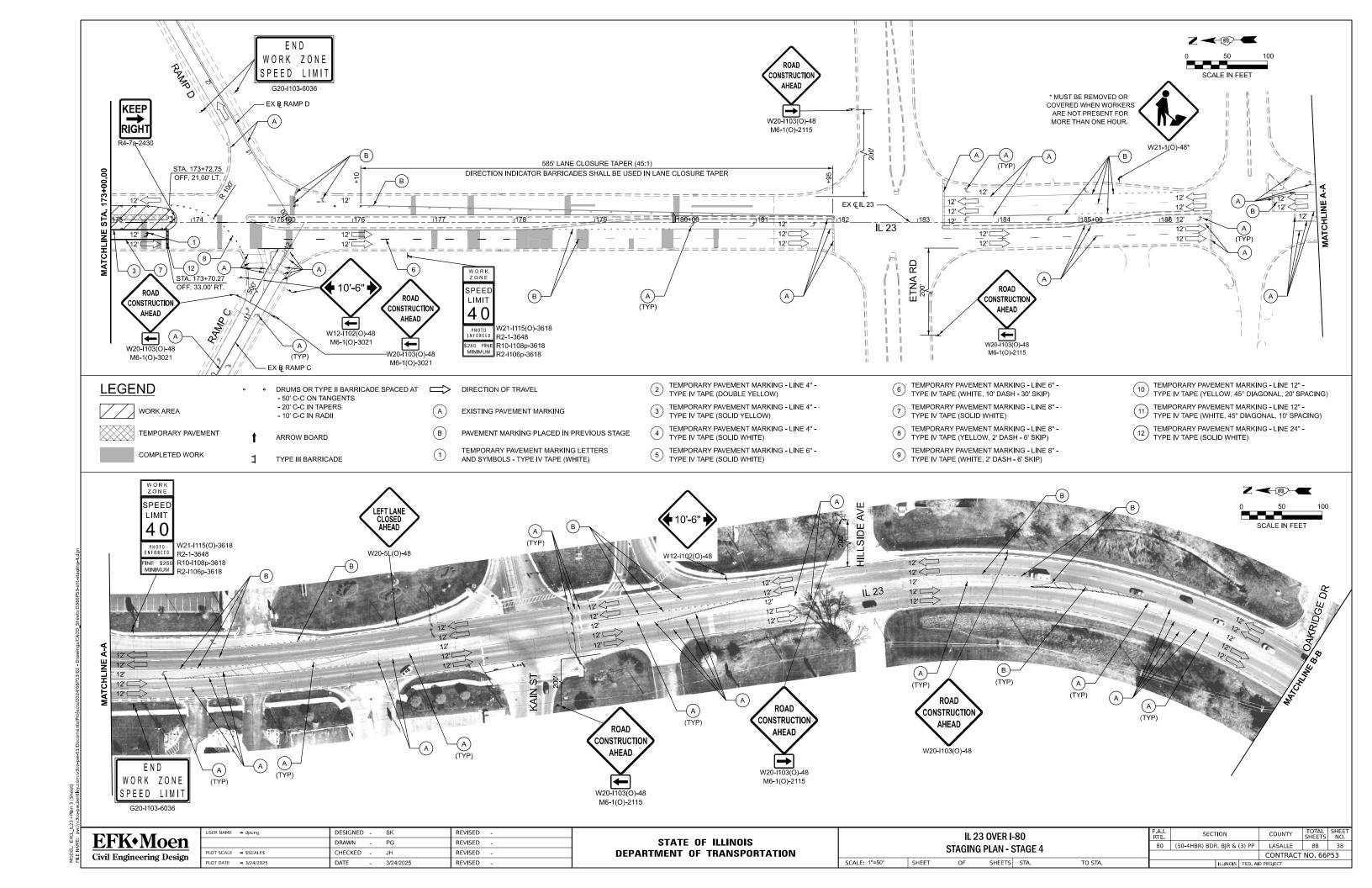
IL 23 OVER I-80 **STAGING PLAN - STAGE 3** SHEET OF SHEETS STA.

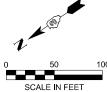
TO STA.

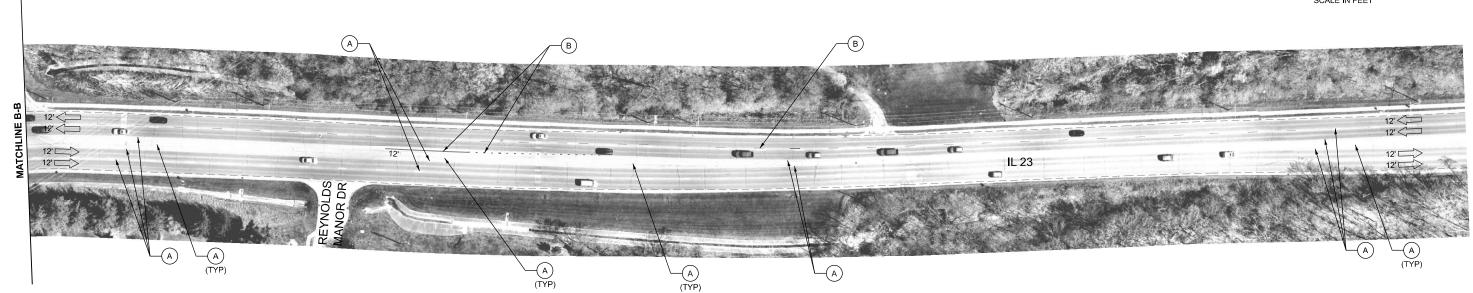
SCALE: 1"=50'

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 36 CONTRACT NO. 66P53









TEMPORARY PAVEMENT

COMPLETED WORK

DRUMS OR TYPE II BARRICADE SPACED AT
 -50" C-C ON TANGENTS
 -20" C-C IN TAPERS
 -10" C-C IN RADII

 DIRECTION OF TRAVEL

 EXISTING PAVEMENT MA

ARROW BOARD

TYPE III BARRICADE

EXISTING PAVEMENT MARKING

PAVEMENT MARKING PLACED IN PREVIOUS STAGE

TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE (WHITE)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)

TEMPORARY PAVEMENT MARKING - LINE 4" -TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 6" -5 TEMPORARY PAVEMENT WORKS
TYPE IV TAPE (SOLID WHITE)

6 TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 10' DASH - 30' SKIP)

TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (SOLID WHITE)

TEMPORARY PAVEMENT MARKING - LINE 8" -TYPE IV TAPE (YELLOW, 2' DASH - 6' SKIP) 9 TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE IV TAPE (WHITE, 2' DASH - 6' SKIP) TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW, 45° DIAGONAL, 20' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (WHITE, 45° DIAGONAL, 10' SPACING)

TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)

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SER NAME = dpung DESIGNED - SK REVISED - PG DRAWN REVISED CHECKED -REVISED PLOT DATE = 3/24/2025 REVISED - 3/24/2025

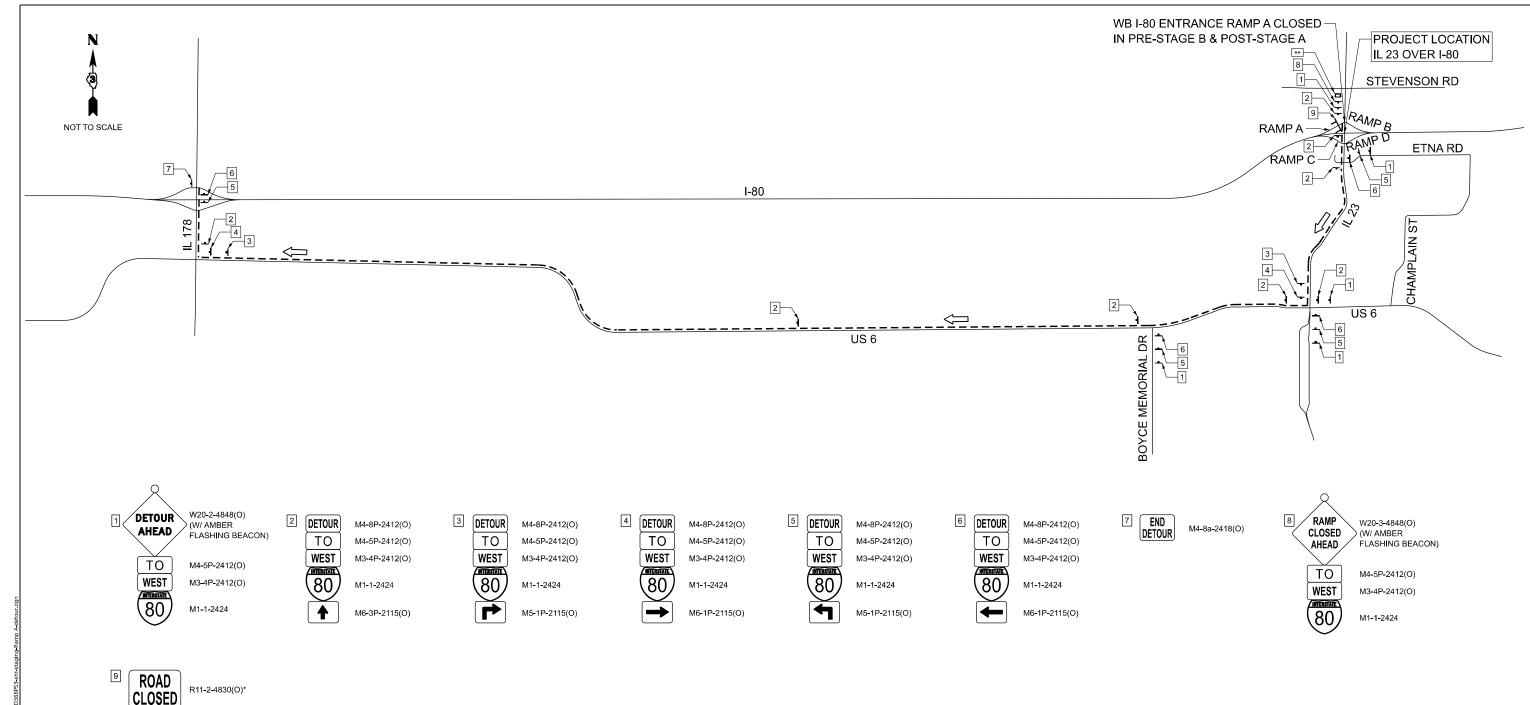
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

IL 23 OVER I-80 **STAGING PLAN - STAGE 4** SHEET OF SHEETS STA.

TO STA.

SCALE: 1"=50'

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 39 CONTRACT NO. 66P53



CLOSED

* MOUNTING OF SIGN ON TYPE III BARRICADE SHALL BE NCHRP 350 OR MASH COMPLIANT.

PROPOSED DETOUR - WB I-80 --- DETOURED VIA IL 23 - US 6 - IL 178

TYPE III BARRICADE

NOTES

SIGNS DESIGNATED AS (O) SHALL HAVE FLUORESCENT ORANGE SHEETING MATERIAL

2. COVER EXISTING CONFLICTING SIGNS. DO NOT PLACE TAPE OR DRILL INTO THE FACE OF THE SIGN WHEN COVERING.

THE COST OF SUPPLYING, INSTALLING, MAINTAINING, AND REMOVING DETOUR SIGNS SHALL BE INCLUDED IN THE COST FOR DETOUR SIGNING. CHANGEABLE MESSAGE SIGNS WILL

PORTABLE CHANGEABLE MESSAGE SIGN (TWO WEEKS PRIOR TO START)

** PH 1: RAMP TO PH 2: STARTING WB I-80 MMM ## CLOSED

PORTABLE CHANGEABLE MESSAGE SIGN FOR DURATION OF CLOSURE

SCALE:

** PH 1: RAMP TO PH 2: FOLLOW WB I-80 DETOUR CLOSED

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Civil Engineering Design

	USER NAME = dpung	DESIGNED -	REVISED -
l		DRAWN -	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
•	PLOT DATE = 3/24/2025	DATE -	REVISED -

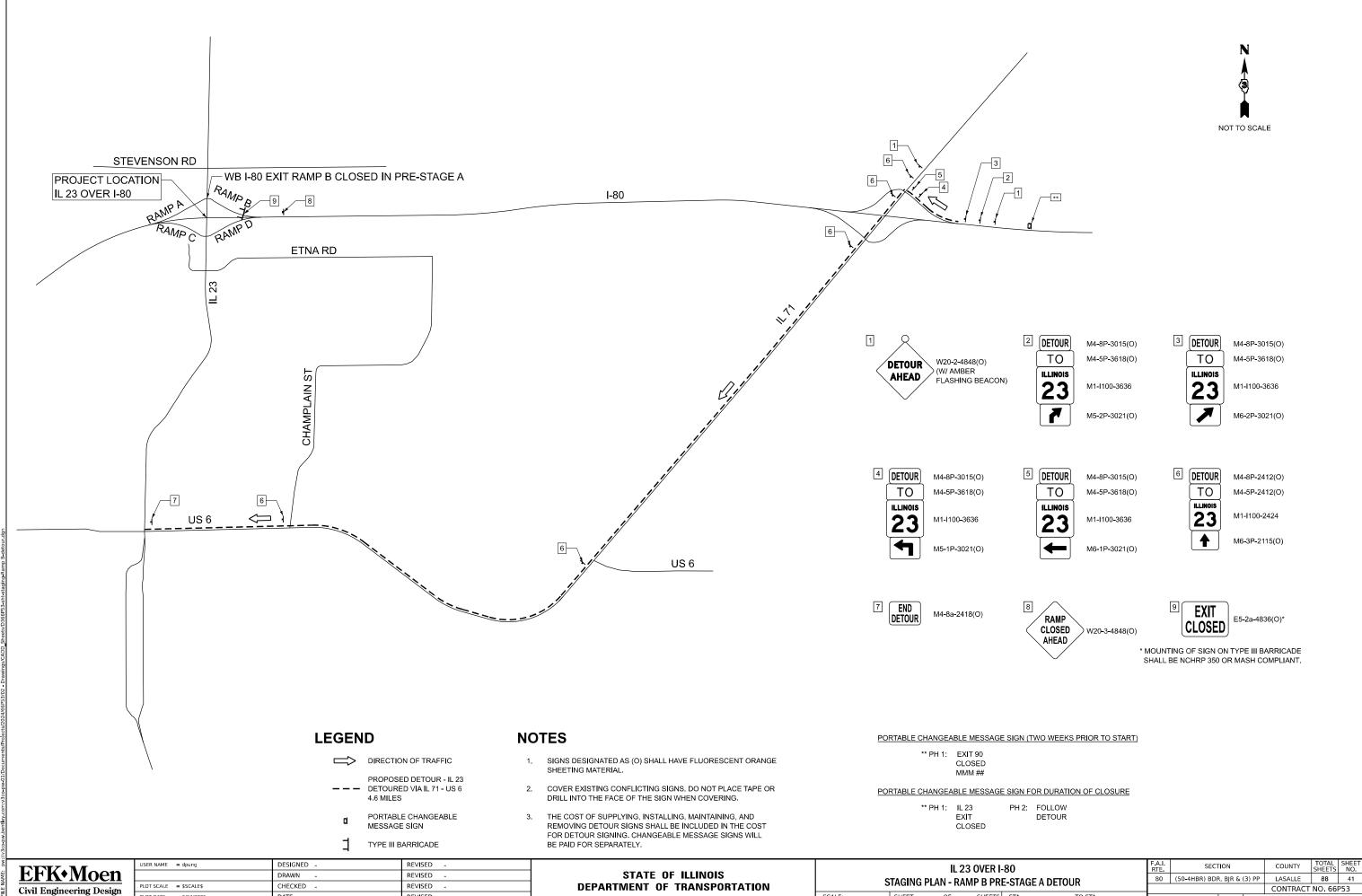
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

IL 23 OVER I-80		F.A.I. RTE	SECT	ION	COUNTY	TOTAL SHEETS	SHEET NO.
STAGING PLAN - RAMP A PRE-STAGE B & POST-STAG	E A DETOLIR	80	(50-4HBR) BDR	, BJR & (3) PP	LASALLE	88	40
STAGING LAN- NAME AT NE-STAGE D & 1 031-31AC	LADLIOUN				CONTRACT	NO. 66	P53
: SHEET OF SHEETS STA.	TO STA.			ILLINOIS FED. AII	PROJECT		

LEGEND

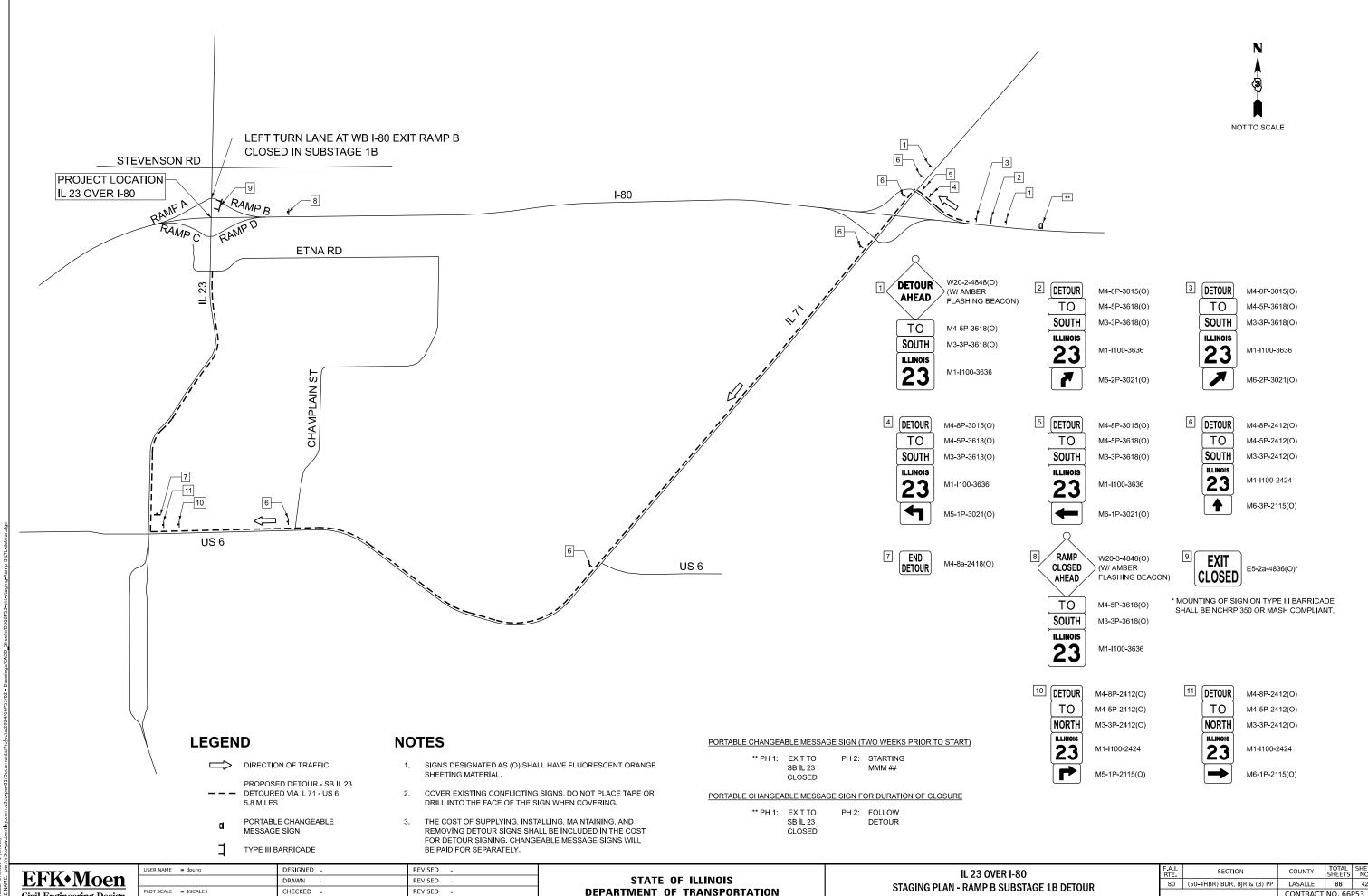
DIRECTION OF TRAFFIC

PORTABLE CHANGEABLE



Civil Engineering Design

PLOT DATE = 3/24/2025 DATE REVISED OF SHEETS STA.



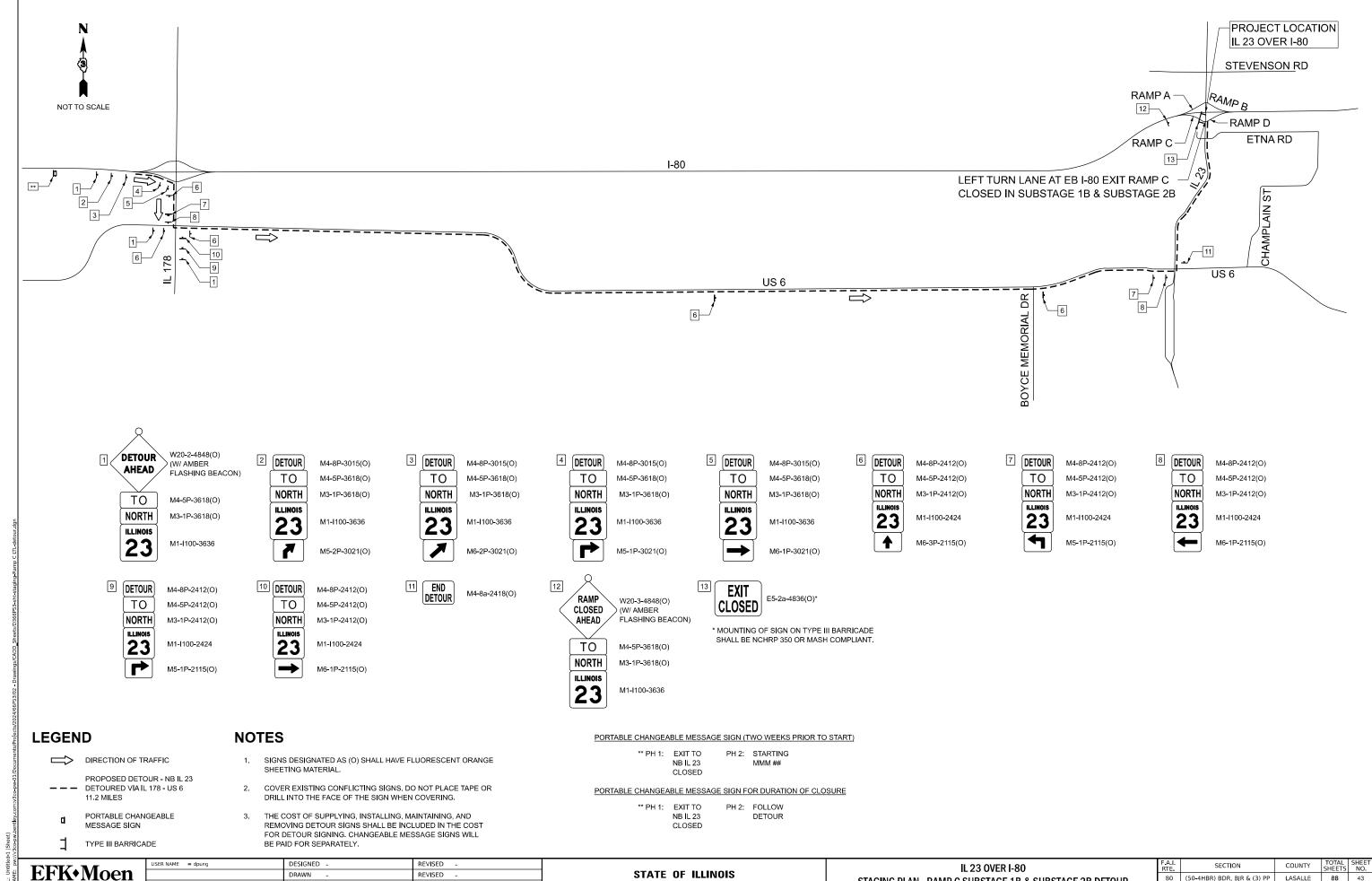
Civil Engineering Design

LOT SCALE = \$SCALE\$ CHECKED REVISED PLOT DATE = 3/24/2025 DATE REVISED

DEPARTMENT OF TRANSPORTATION

OF SHEETS STA.

80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 42 CONTRACT NO. 66P53



DEPARTMENT OF TRANSPORTATION

80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 43

CONTRACT NO. 66P53

STAGING PLAN - RAMP C SUBSTAGE 1B & SUBSTAGE 2B DETOUR

OF SHEETS STA.

Civil Engineering Design

PLOT DATE = 3/24/2025

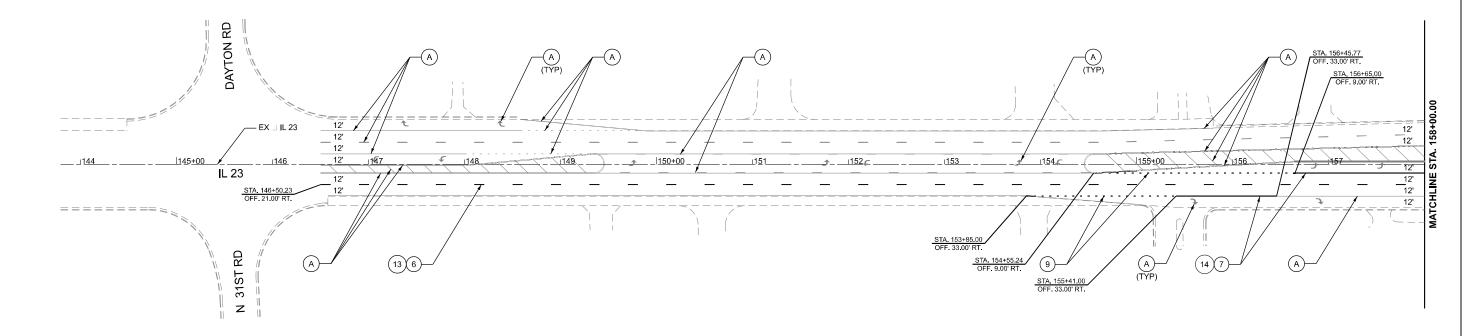
CHECKED

DATE

REVISED

REVISED





- (A) EXISTING PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT 1) MARKING, TYPE D, STANDARD -LETTERS AND SYMBOLS (WHITE)

LOT DATE = 3/24/2025

- 2 EPOXY PAVEMENT MARKING LINE 4" (DOUBLE YELLOW)
- EPOXY PAVEMENT MARKING LINE 4" (SOLID YELLOW)
- EPOXY PAVEMENT MARKING LINE 4" (SOLID WHITE)
- EPOXY PAVEMENT MARKING LINE 6" (SOLID WHITE)
- PREFORMED PLASTIC PAVEMENT MARKING, TYPE D, STANDARD - LINE 9" (CONTRAST 1.5" BLACK - 6" WHITE - 1.5"
- **EPOXY PAVEMENT MARKING LINE 8"** (SOLID WHITE)

BLACK, 10' DASH - 30' SKIP)

EPOXY PAVEMENT MARKING - LINE 8" (YELLOW, 2' DASH - 6' SKIP)

REVISED

3/24/2025

- **EPOXY PAVEMENT MARKING LINE 8"** (WHITE, 2' DASH - 6' SKIP)
- **EPOXY PAVEMENT MARKING LINE 12"** (YELLOW, 45° DIAGONAL, 20' SPACING)
- EPOXY PAVEMENT MARKING LINE 12" (WHITE, 45° DIAGONAL, 10' SPACING)
- PREFORMED PLASTIC PAVEMENT 12 MARKING, TYPE D, STANDARD - LINE 24"

RAISED REFLECTIVE PAVEMENT MARKER (2 @ 80' C-C)

RAISED REFLECTIVE PAVEMENT

EPOXY PAVEMENT MARKING - LINE 12" (WHITE, 45° DIAGONAL, 20' SPACING)

SCALE: 1"=50'

SHEET

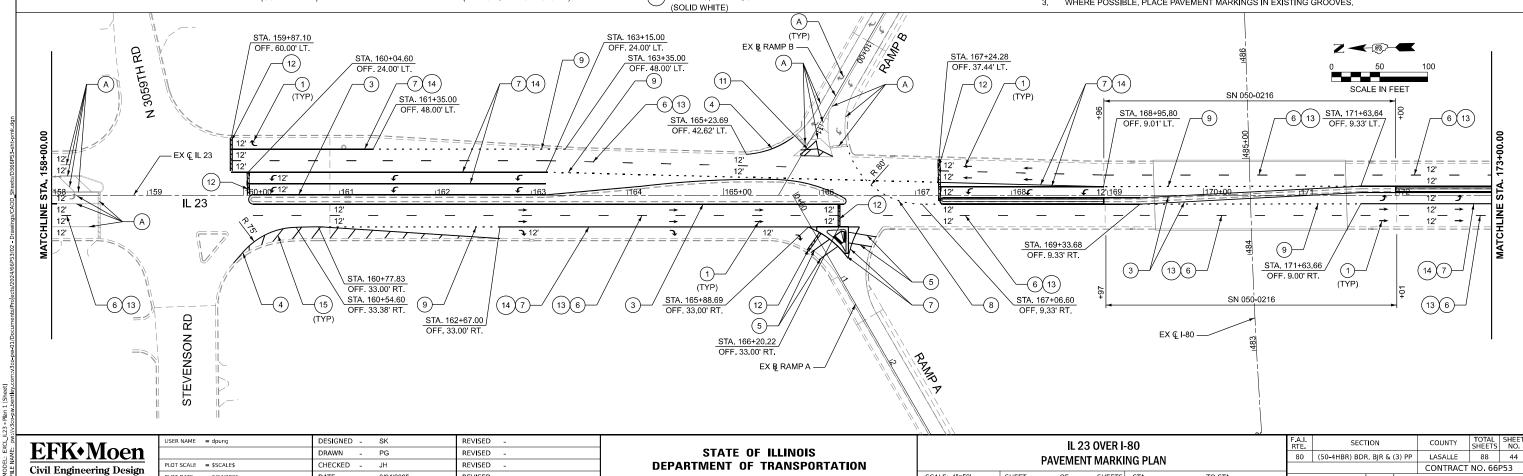
RAISED REFLECTION MARKER (1 @ 40' C-C)

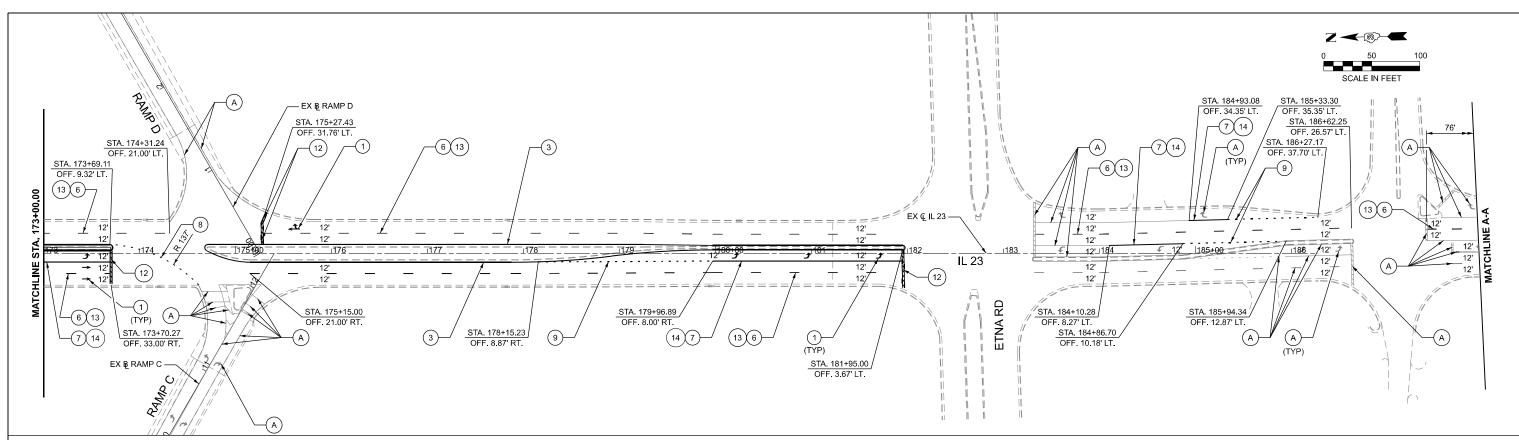
- EPOXY PAVEMENT MARKINGS SHALL BE APPLIED IN TWO APPLICATIONS. THE FIRST APPLICATION SHALL BE ALLOWED TO DRY PRIOR TO PLACING THE SECOND APPLICATION OVER THE FIRST. THE CONTRACTOR SHALL NOT PLACE ONE THICK APPLICATION IN LIEU OF TWO REGULAR APPLICATIONS. EACH APPLICATION WILL BE MEASURED AND PAID FOR.
- ALL PAVEMENT MARKINGS SHALL BE GROOVED.

SHEETS STA.

TO STA.

3. WHERE POSSIBLE, PLACE PAVEMENT MARKINGS IN EXISTING GROOVES.





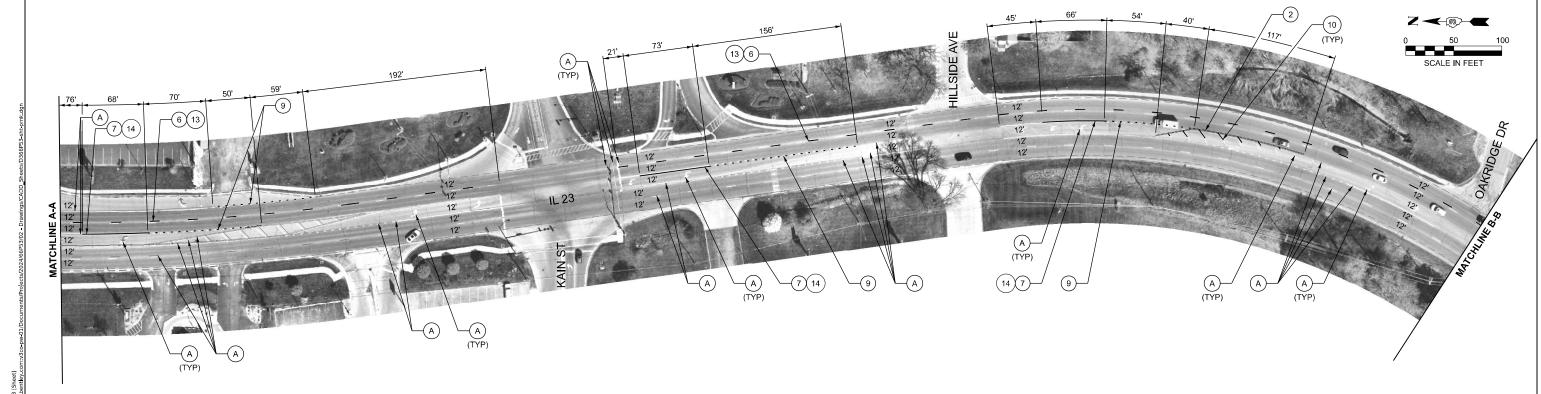
- (A) EXISTING PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LETTERS AND SYMBOLS (WHITE)
- 2 EPOXY PAVEMENT MARKING LINE 4" (DOUBLE YELLOW)
- 3 EPOXY PAVEMENT MARKING LINE 4" (SOLID YELLOW)
- (SOLID WHITE)
- EPOXY PAVEMENT MARKING LINE 6" (SOLID WHITE)
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LINE 9"
 (CONTRAST 1.5" BLACK 6" WHITE 1.5"
 BLACK, 10' DASH 30' SKIP)
- (SOLID WHITE)
- 8 EPOXY PAVEMENT MARKING LINE 8" (YELLOW, 2' DASH 6' SKIP)
- 9 EPOXY PAVEMENT MARKING LINE 8" (WHITE, 2' DASH 6' SKIP)
- EPOXY PAVEMENT MARKING LINE 12" (YELLOW, 45° DIAGONAL, 20' SPACING)
- EPOXY PAVEMENT MARKING LINE 12" (WHITE, 45° DIAGONAL, 10' SPACING)
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LINE 24"
 (SOLID WHITE)
- RAISED REFLECTIVE PAVEMENT MARKER (2 @ 80' C-C)
- RAISED REFLECTIVE PAVEMENT MARKER (1 @ 40' C-C)
- (WHITE, 45° DIAGONAL, 20' SPACING)

SCALE: 1"=50'

SHEET

NOTES:

- EPOXY PAVEMENT MARKINGS SHALL BE APPLIED IN TWO APPLICATIONS. THE FIRST APPLICATION SHALL BE
 ALLOWED TO DRY PRIOR TO PLACING THE SECOND APPLICATION OVER THE FIRST. THE CONTRACTOR SHALL
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- 2. ALL PAVEMENT MARKINGS SHALL BE GROOVED.
- 3. WHERE POSSIBLE, PLACE PAVEMENT MARKINGS IN EXISTING GROOVES.

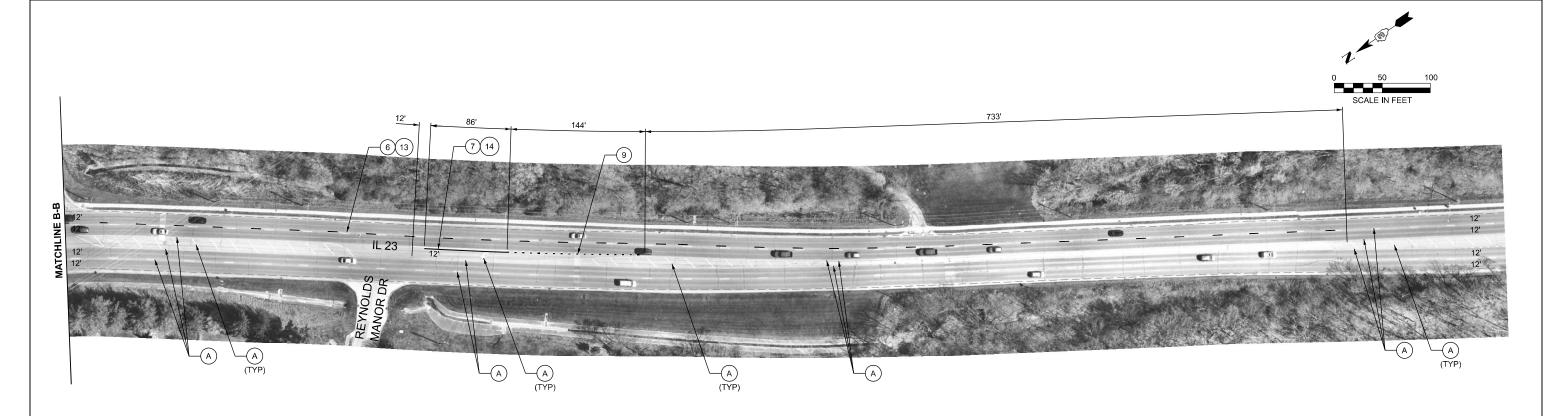


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USER NAME = dpung	DESIGNED -	SK	REVISED	-
	DRAWN -	PG	REVISED	-
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PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 2	IL 23 OVER I-80 /EMENT MARKING PLAN	F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
DAVEME	M MARKI	NG DI AN		80	(50-4HBR) BDR, BJR &	(3) PP	LASALLE	88	45
IAVLIVILI	AT INITIALIAN	ING I LAN					CONTRACT	NO. 66	P53
OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	D PROJECT		



- (A) EXISTING PAVEMENT MARKING
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LETTERS AND SYMBOLS (WHITE)
- 2 EPOXY PAVEMENT MARKING LINE 4" (DOUBLE YELLOW)
- 3 EPOXY PAVEMENT MARKING LINE 4" (SOLID YELLOW)
- EPOXY PAVEMENT MARKING LINE 4" (SOLID WHITE)
- 5 EPOXY PAVEMENT MARKING LINE 6" (SOLID WHITE)
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LINE 9"
 (CONTRAST 1.5" BLACK 6" WHITE 1.5"
 BLACK, 10' DASH 30' SKIP)
- (SOLID WHITE)
- 8 EPOXY PAVEMENT MARKING LINE 8" (YELLOW, 2' DASH 6' SKIP)
- 9 EPOXY PAVEMENT MARKING LINE 8" (WHITE, 2' DASH 6' SKIP)
- EPOXY PAVEMENT MARKING LINE 12" (YELLOW, 45° DIAGONAL, 20' SPACING)
- EPOXY PAVEMENT MARKING LINE 12" (WHITE, 45° DIAGONAL, 10' SPACING)
- PREFORMED PLASTIC PAVEMENT
 MARKING, TYPE D, STANDARD LINE 24"
 (SOLID WHITE)
- RAISED REFLECTIVE PAVEMENT MARKER (2 @ 80' C-C)
- RAISED REFLECTIVE PAVEMENT MARKER (1 @ 40' C-C)
- EPOXY PAVEMENT MARKING LINE 12" (WHITE, 45° DIAGONAL, 20' SPACING)

SCALE: 1"=50'

SHEET

NOTES:

- EPOXY PAVEMENT MARKINGS SHALL BE APPLIED IN TWO APPLICATIONS. THE FIRST APPLICATION SHALL BE ALLOWED TO DRY PRIOR TO PLACING THE SECOND APPLICATION OVER THE FIRST. THE CONTRACTOR SHALL NOT PLACE ONE THICK APPLICATION IN LIEU OF TWO REGULAR APPLICATIONS. EACH APPLICATION WILL BE MEASURED AND PAID FOR.
- 2. ALL PAVEMENT MARKINGS SHALL BE GROOVED.
- 3. WHERE POSSIBLE, PLACE PAVEMENT MARKINGS IN EXISTING GROOVES.

EFK Moen
Civil Engineering Design

USER NAME = dpung	DESIGNED - SK	REVISED -
	DRAWN - PG	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - JH	REVISED -
PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 2	3 OVER I	·80		F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
DAVEMEN	IT MARKI	NG PLAN		80	(50-4HBR) BDR, BJR & (3) PP	LASALLE	88	46
IAVLIVILI	AI INIVIVI	ING I LAIN					CONTRACT	NO. 66	253
O.F.	CHEETC	CTA	TO CTA						

TRAFFIC SIGNAL GENERAL NOTES:

- THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434 -8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
- 4. ALL TRAFFIC SIGNAL HEADS SHALL BE 12-INCH POLYCARBONATE.
- TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER, THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
- A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEM.
- 7. ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL PUSHED CONDUIT MAY BE P.V.C. OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- 9. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER,
- 10. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
- 11. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
- 12. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL
- 13. THE CONTRACTOR SHALL UTILIZE THE EXISTING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNALS.
- 14. BACKPLATES SHALL BE POLYCARBONATE, LOUVERED FORMED BACKPLATES.
- 15. ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE POLYCARBONATE BLACK HOUSING AND BLACK BRACKETS.
- 16. THE ELEVATION OF THE TOP OF THE DOUBLE HANDHOLE SHALL BE LESS THAN THE ELEVATION OF THE TOP OF THE CONTROLLER FOUNDATION.
- 17. ALL GROUNDING MATERIALS FOR CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 OF THE STANDARD
- 18. THE FIBER OPTIC CABLE SHALL BE LABELED WITH DIRECTION AND ASSIGNMENT NUMBER.
- 19. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE TRAFFIC SIGNAL SQUAD PRIOR TO THE EQUIPMENT BEING DELIVERED TO PROJECT.

TEMPORARY TRAFFIC SIGNAL NOTES:

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 2. THE TRAFFIC SIGNAL SECTION AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 3, SHALL BE NOTIFIED AT 815-434 -8506 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNITS.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300MM) DIAMETER, HEAD SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD. SEE TEMPORARY CABLE PLAN FOR WHICH SIGNAL SECTIONS SHALL BE BAGGED AND DISCONNECTED FOR DIFFERENT STAGES AS DIRECTED BY THE ENGINEER.
- 4. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS, AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- 5. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- 6. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE REQUIREMENTS OF LASALLE COUNTY / CITY OF OTTAWA, AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF
- 7. TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE PERFORMED AT THE FOLLOWING INTERSECTIONS:
 - IL 23 & KAIN STREET
 - IL 23 & COMMERCIAL DRIVEWAY
 - IL 23 & ETNA ROAD
 - IL 23 & RAMP C/D IL 23 & RAMP A/B

SCALE: NTS

SHEET

- IL 23 & STEVENSON ROAD
- IL 23 & DAYTON ROAD

USER NAME = dpung	DESIGNED -	НН	REVISED -
	DRAWN -	SU	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	НН	REVISED -
PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED -

TF	RAFI	FIC S	GN.	AL GENI	ERAL NO	OTES	F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
							80	(50-4HBR) BDR, BJR &	(3) PP	LASALLE	88	47
										CONTRACT	NO. 66	253
	1	OF	21	SHEETS	STA	TO STA.		HILINOIS	EED AL	D DROIECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

				(NOT TO COALL)				
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	<u>existing</u>	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R R	R R Y
COMMUNICATION CABINET	ECC	СС	-ROUND HEAVY DUTY HANDHOLE					G G 4Y 4Y 4G 4G
MASTER CONTROLLER	EMC	MC	-SQUARE -ROUND	H B	Н Ө		₽	4 G 4 G P
MASTER MASTER CONTROLLER	ЕММС	ммс	DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE		
UNINTERRUPTABLE POWER SUPPLY	[2]	\mathcal{F}	JUNCTION BOX		0	-(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R R P	$\begin{bmatrix} R \\ Y \end{bmatrix} \qquad \begin{bmatrix} R \\ Y \end{bmatrix} \qquad \begin{bmatrix} R \\ Y \end{bmatrix}$
SERVICE INSTALLATION	-D-P	- ■ -	RAILROAD CANTILEVER MAST ARM	X OX X	X OX X			
-(P) POLE MOUNTED	_	_	RAILROAD FLASHING SIGNAL	XOX	XOX		P RB	P RB
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	$\boxtimes^G \boxtimes^GM$	⊠ ^G ⊠ ^{GM}	RAILROAD CROSSING GATE	202 -	X•X -	DEDESTRIAN CICNAL HEAD		(4.)
TELEPHONE CONNECTION	ЕТ	Т	RAILROAD CROSSBUCK	否	*	PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS	(P) (S)	**
STEEL MAST ARM ASSEMBLY AND POLE	<u> </u>	•——	RAILROAD CONTROLLER CABINET		▶∢	PEDESTRIAN SIGNAL HEAD	₽ ¢	₽ c
ALUMINUM MAST ARM ASSEMBLY AND POLE		•	UNDERGROUND CONDUIT (UC),			WITH COUNTDOWN TIMER	(8) D	<u>*</u>
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE	o-;α—	•*	GALVANIZED STEEL TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY	0	 ● BM 	SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE.		(5)
WOOD POLE	\otimes	0	INTERSECTION ITEM	I	IP	ALL DETECTOR LOOP CABLE TO BE SHIELDED		
GUY WIRE	<i>></i> −	<i>></i> −	REMOVE ITEM		R	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
SIGNAL HEAD	-t>	<i>-</i>	RELOCATE ITEM		RL	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
SIGNAL HEAD WITH BACKPLATE	+1>	+▶	ABANDON ITEM		Α			
SIGNAL HEAD OPTICALLY PROGRAMMED	-	→ P + P	CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	COAXIAL CABLE	— <u>c</u> —	<u> </u>
FLASHER INSTALLATION	od> F od> FS	•► FS FS	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	VENDOR CABLE	(v)	_(v)_
-(FS) SOLAR POWERED	□ F □ FS	F FS FS	SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	(6#18)	(6#18)
PEDESTRIAN SIGNAL HEAD	-0	-	DETECTOR LOOP, TYPE I			FIBER OPTIC CABLE -NO. 62.5/125, MM12F		—(12F)—
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	⊚	⊚ ⊗ APS	PREFORMED DETECTOR LOOP	PP	PP	-NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		<u>24F</u>
RADAR DETECTION SENSOR	R	R	SAMPLING (SYSTEM) DETECTOR	5 5	5 (5)		—(36F)—	—(36F)—
VIDEO DETECTION CAMERA	(V)	V ■	INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS (IS)	IS (IS)			
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING (SYSTEM) DETECTOR	Q5 Q3	QS QS	GROUND ROD -(C) CONTROLLER -(M) MAST ARM	$\frac{1}{2}C \frac{1}{2}M \frac{1}{2}P \frac{1}{2}S$	$\frac{\dot{\Box}^{C}}{\dot{\Box}} \frac{\dot{\Box}^{M}}{\dot{\Box}} \frac{\dot{\Box}^{P}}{\dot{\Box}} \frac{\dot{\Box}^{S}}{\dot{\Box}}$
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ]	PTZ◀	WIRELESS DETECTOR SENSOR	®	©	(=, ==:::==	WOOD POLE	
EMERGENCY VEHICLE LIGHT DETECTOR	\bowtie	~	WIRELESS ACCESS POINT			CLASS 5	OR BETTER (45' MIN.)	VIDEO DETECTION CAMERA
CONFIMATION BEACON	○ —()	⊷ (BAND IN	TWO PLACES	\Rightarrow
WIRELESS INTERCONNECT	O+I	•++ -					/ [[WATERTIGHT FITTINGS
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR				GUY WI	TEMPORARY WOOD POLE	AND DRIP LOOPS
							MPORARY VIDEO DETECT	

ABNA www.abnacorp.com

USER NAME = dpung	DESIGNED	-	НН	REVISED -	
	DRAWN	-	SU	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED	-	НН	REVISED -	
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

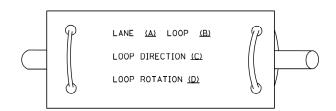
SCALE: NTS

S	TAND	AR	D T	RAF	FIC DE	SIGN D	ETAILS		F.A.I. RTE	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
									80	(50-4HBR) BDF	, BJR &	(3) PP	LASALLE	88	48
													CONTRACT	NO. 66	P53
SHEET	2	C)F	21	SHEETS	STA.		TO STA.			ILLINOIS	FED. AL	O PROIECT	-	

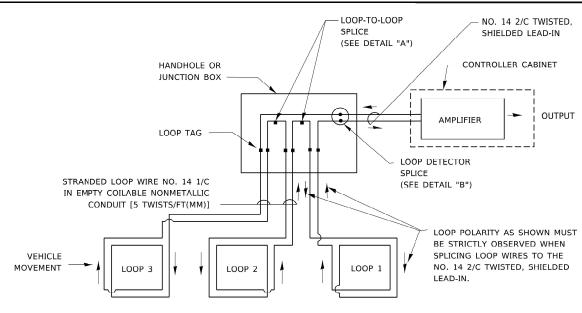
LOOP DETECTOR NOTES

- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

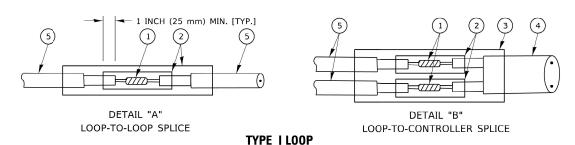


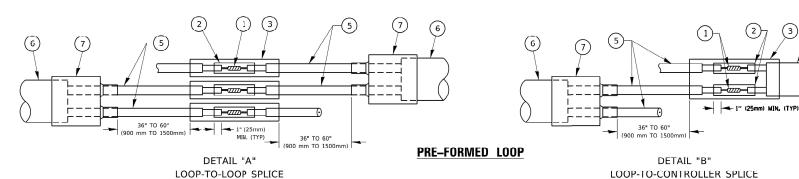
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.





LOOP DETECTOR SPLICE

- (1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE
- (3) WCS 200/750 HEAT SHRINK TUEE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

SCALE: NTS

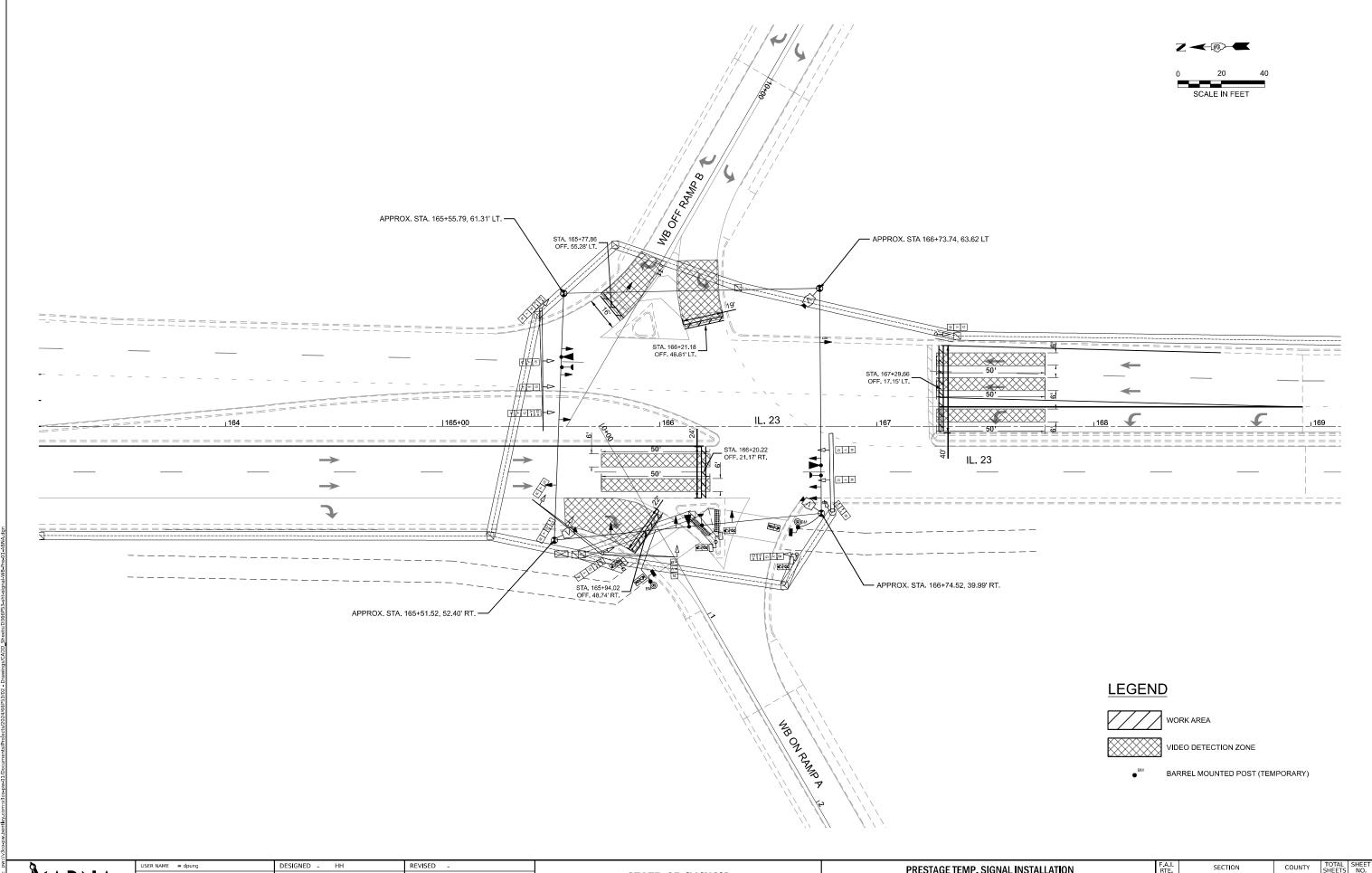
(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

- (5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
- (6) XL POLYOLEFIN 2 CONDUCTOR
- (7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL



USER NAME = dpung	DESIGNED	-	HH	REVISED	-
	DRAWN	-	SU	REVISED	-
PLOT SCALE = \$SCALE\$	CHECKED	-	НН	REVISED	-
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED	-

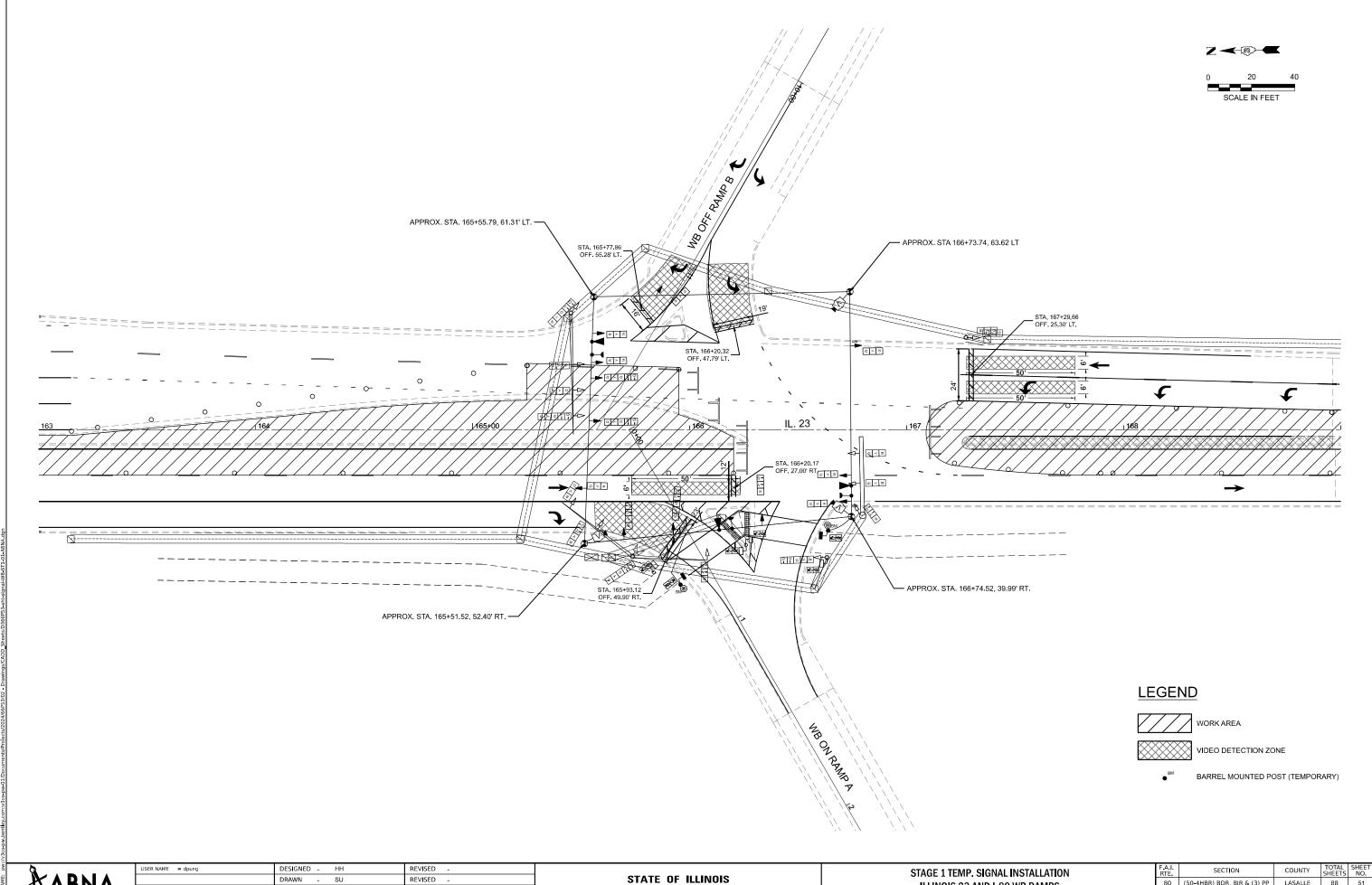
STANDARD TRAFFIC DESIGN DETAILS				F.A.I. RTE	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.					
				80	(50-4HBR) BDF	R, BJR &	(3) PP	LASALLE	88	49					
												CONTRACT	NO. 66	P53	
	SHEET	3	OF	21	SHEETS	STA.	TO STA.			ILLINOIS	FED AII	PROJECT			



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRESTAGE TEMP. SIGNAL INSTALLATION
ILLINOIS 23 AND I-80 WB RAMPS

SCALE: 1"=20" SHEET 4 OF 21 SHEETS STA. 164+00.00 TO STA. 170+00.00



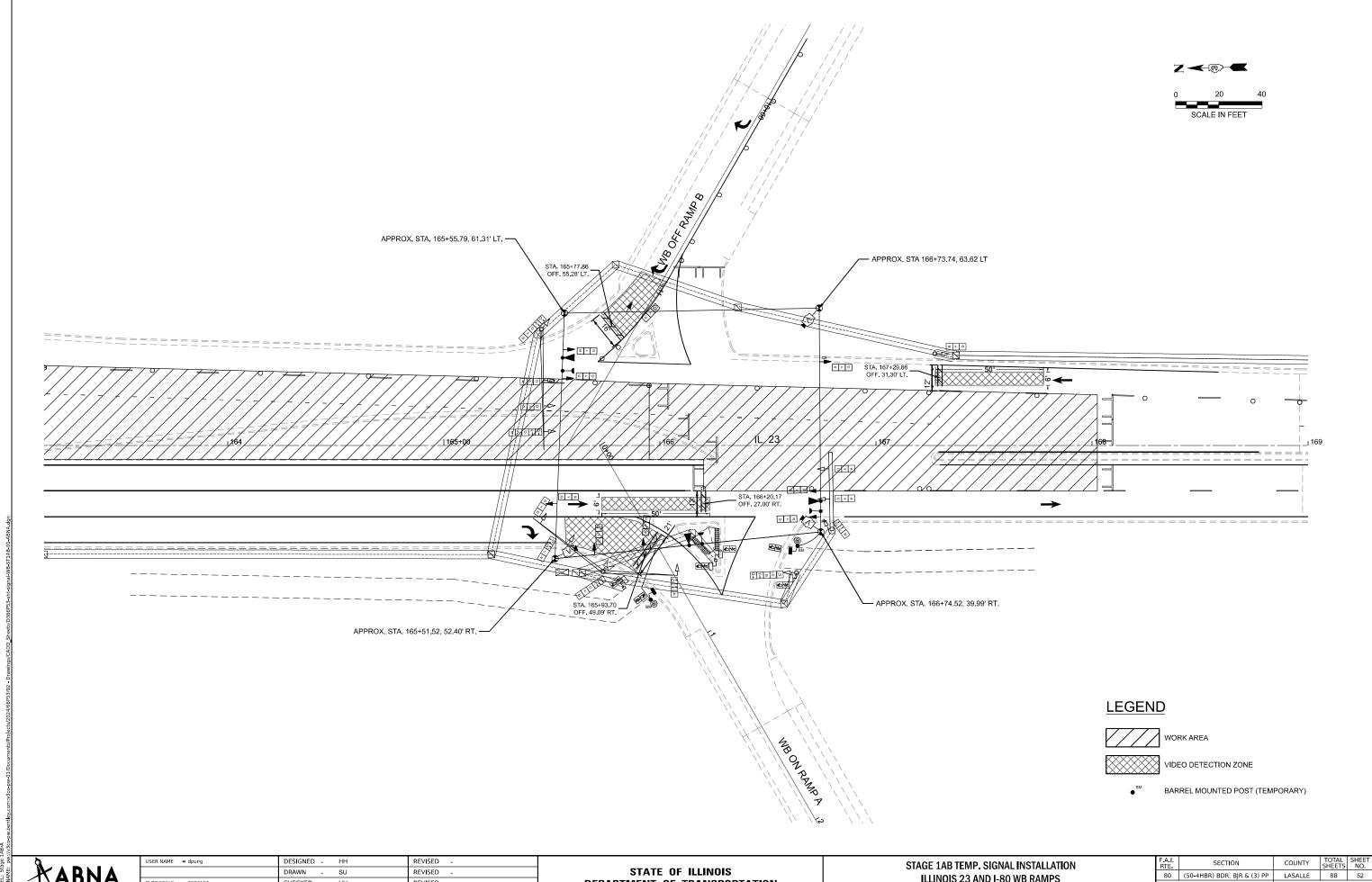
LOT SCALE = \$SCALE\$ CHECKED - HH REVISED PLOT DATE = 3/24/2025 REVISED -- 3/24/2025

DEPARTMENT OF TRANSPORTATION

ILLINOIS 23 AND I-80 WB RAMPS SCALE: 1"=20' SHEET 5 OF 21 SHEETS STA. 163+00.00 TO STA. 169+00.00

 RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

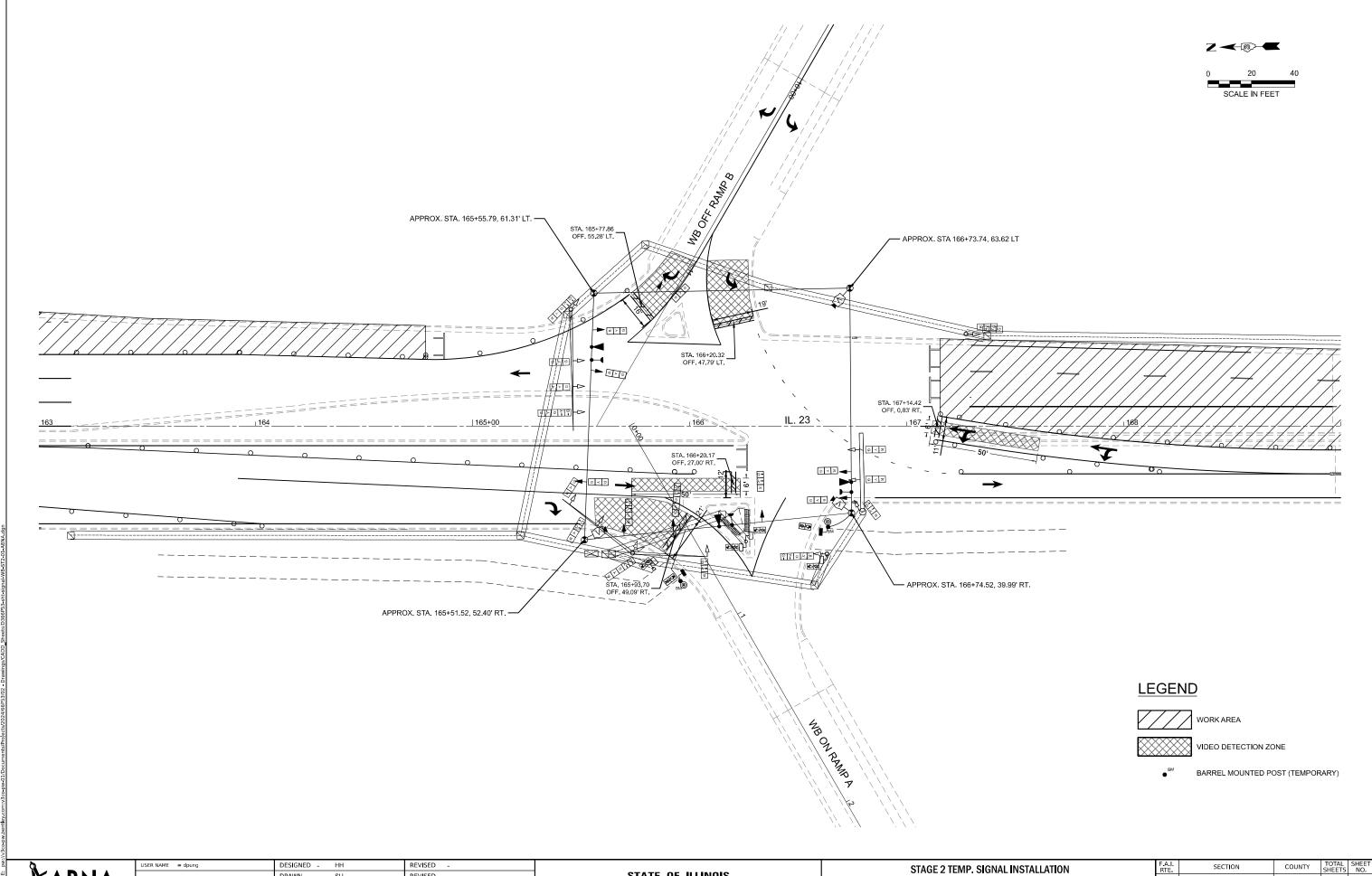
 80
 (50-4HBR) BDR, BJR & (3) PP
 LASALLE
 88
 51
 CONTRACT NO. 66P53



LOT SCALE = \$SCALE\$ CHECKED - HH REVISED REVISED -- 3/24/2025

DEPARTMENT OF TRANSPORTATION

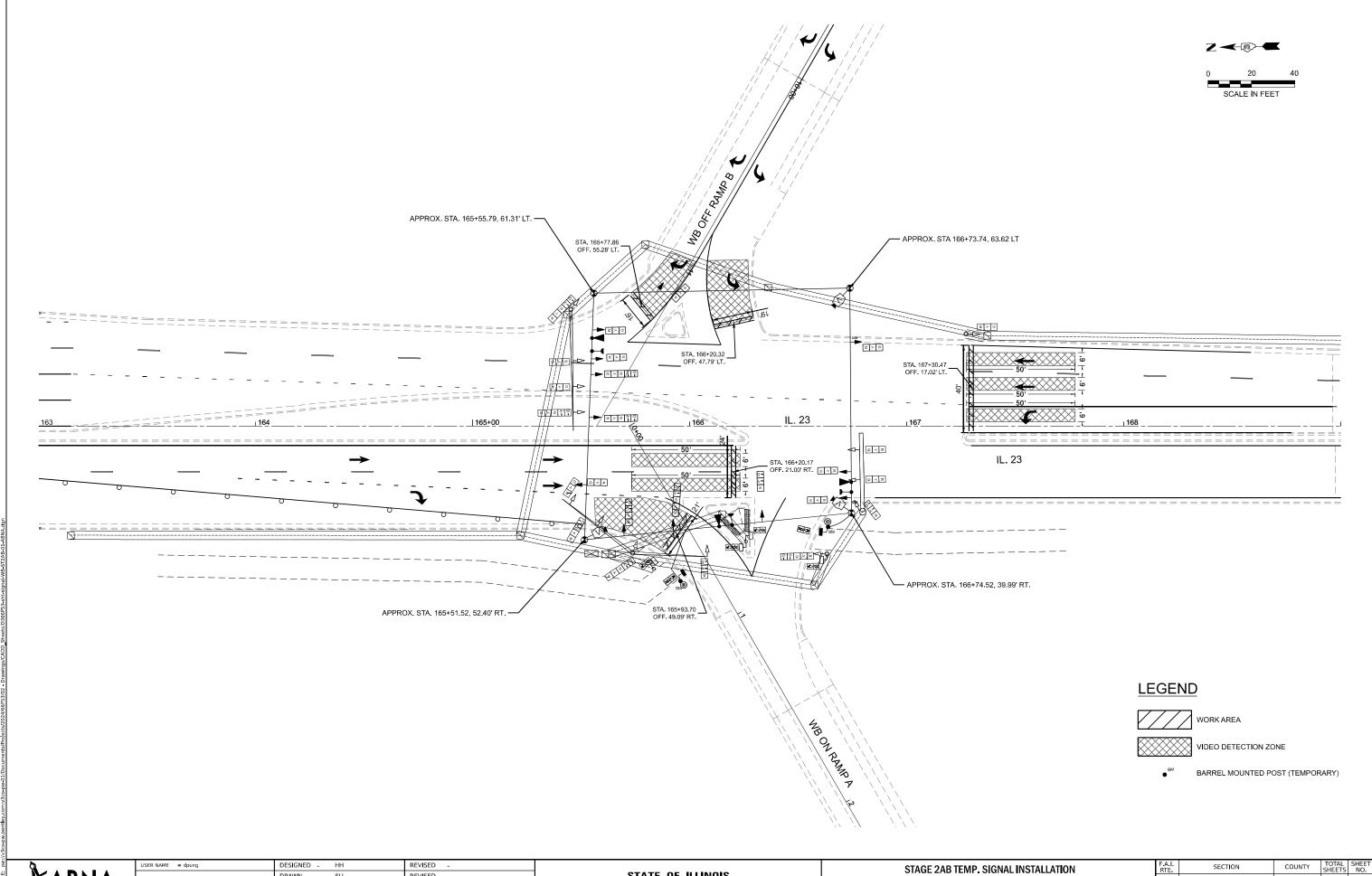
ILLINOIS 23 AND I-80 WB RAMPS SCALE: 1"=20' SHEET 6 OF 21 SHEETS STA. 163+00.00 TO STA. 169+00.00



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION STAGE 2 TEMP. SIGNAL INSTALLATION

ILLINOIS 23 AND I-80 WB RAMPS

SCALE: 1"=20" SHEET 7 OF 21 SHEETS STA. 163+00.00 TO STA. 169+00.00

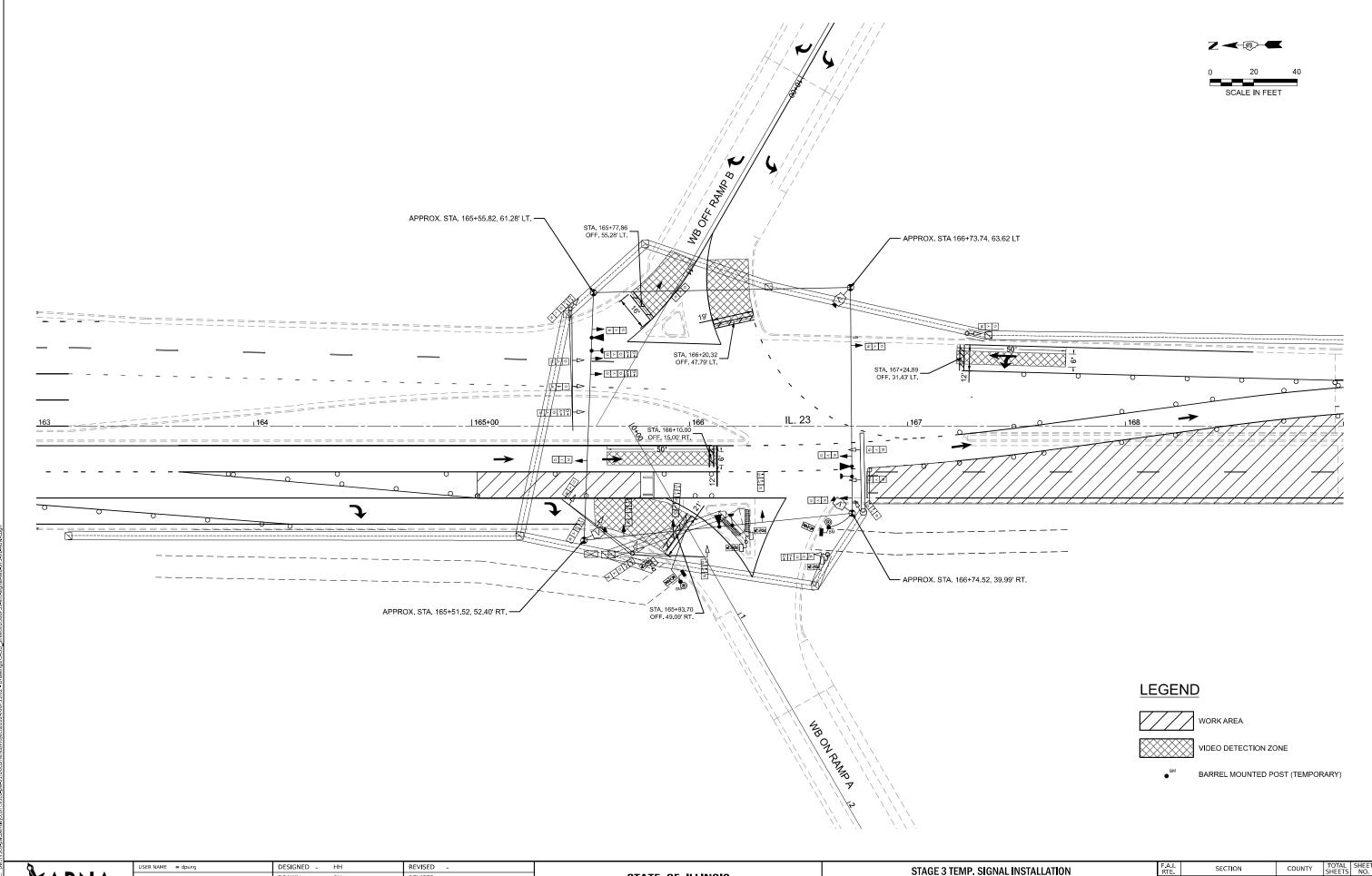


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2AB TEMP. SIGNAL INSTALLATION

ILLINOIS 23 AND I-80 WB RAMPS

SCALE: 1"=20" SHEET 8 OF 21 SHEETS STA. 163+00.00 TO STA. 169+00.00



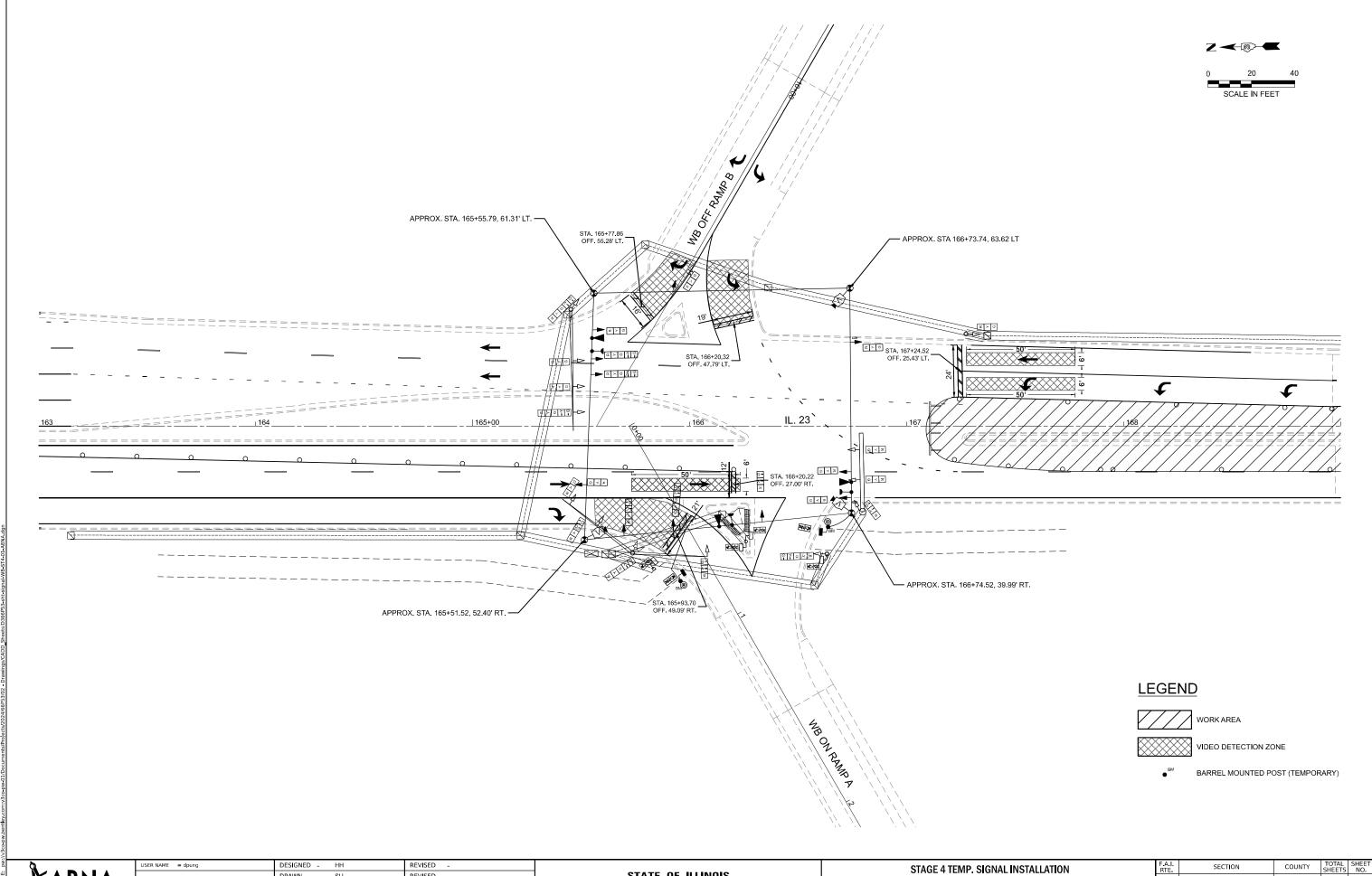
| DESIGNED - HH REVISED - | DRAWN - SU REVISED - | DATE - 3/24/2025 REVISED - | DATE - 3/24/2025 REVISED - | DATE - SUZELES | DATE - SU

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 3 TEMP. SIGNAL INSTALLATION

ILLINOIS 23 AND I-80 WB RAMPS

SCALE: 1"=20" SHEET 9 OF 21 SHEETS STA. 163+00.00 TO STA. 169+00.00

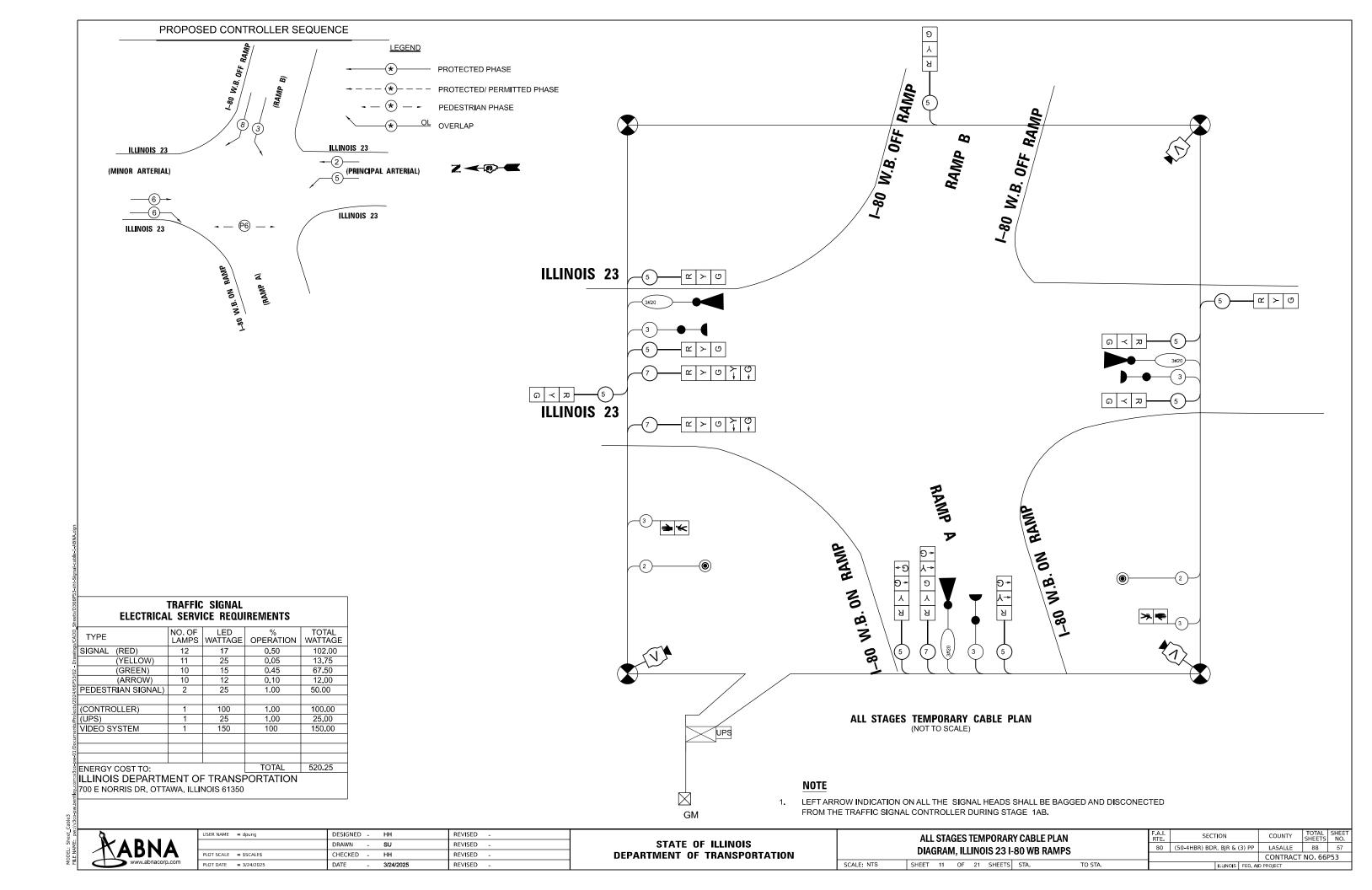


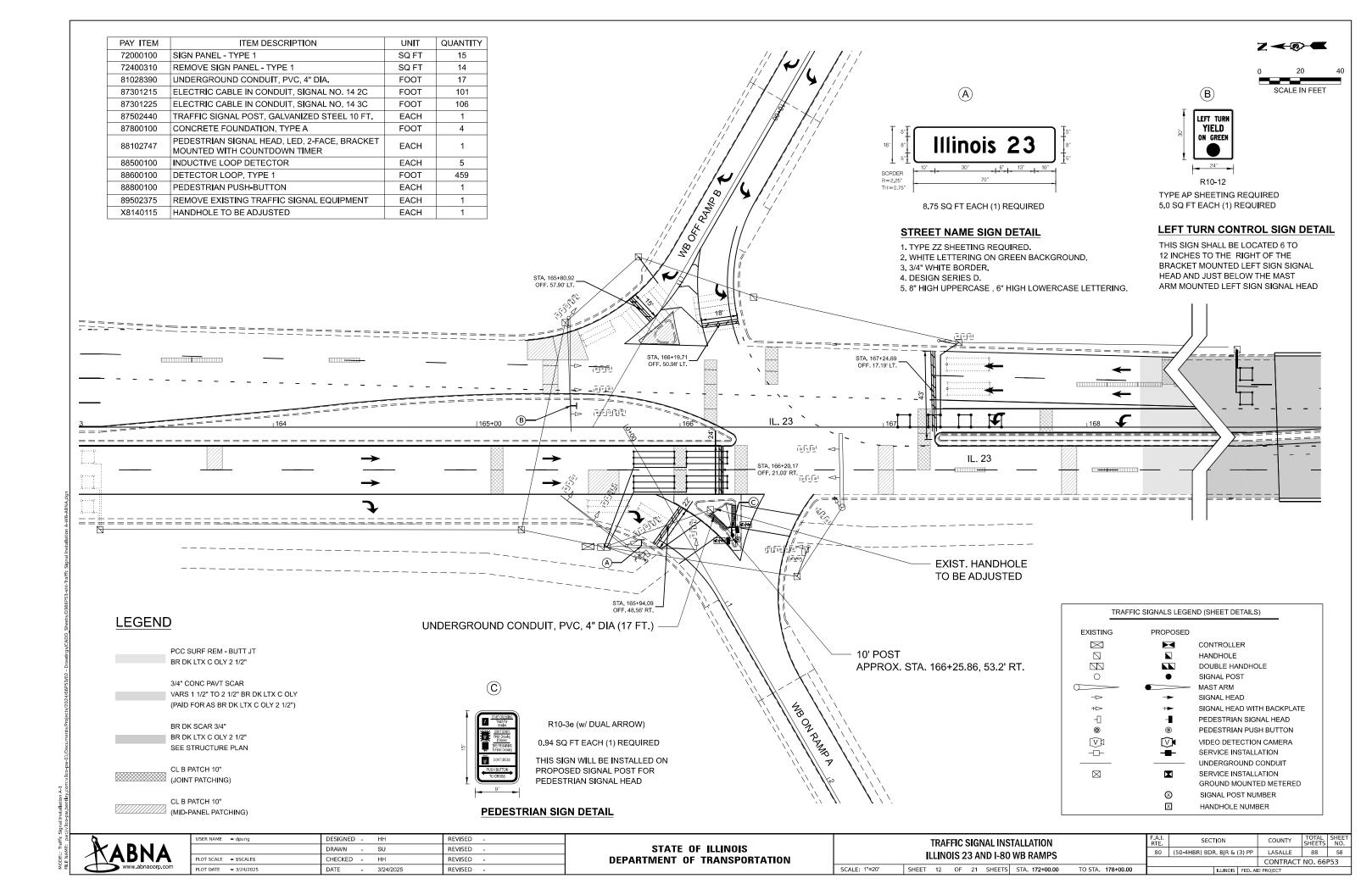
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

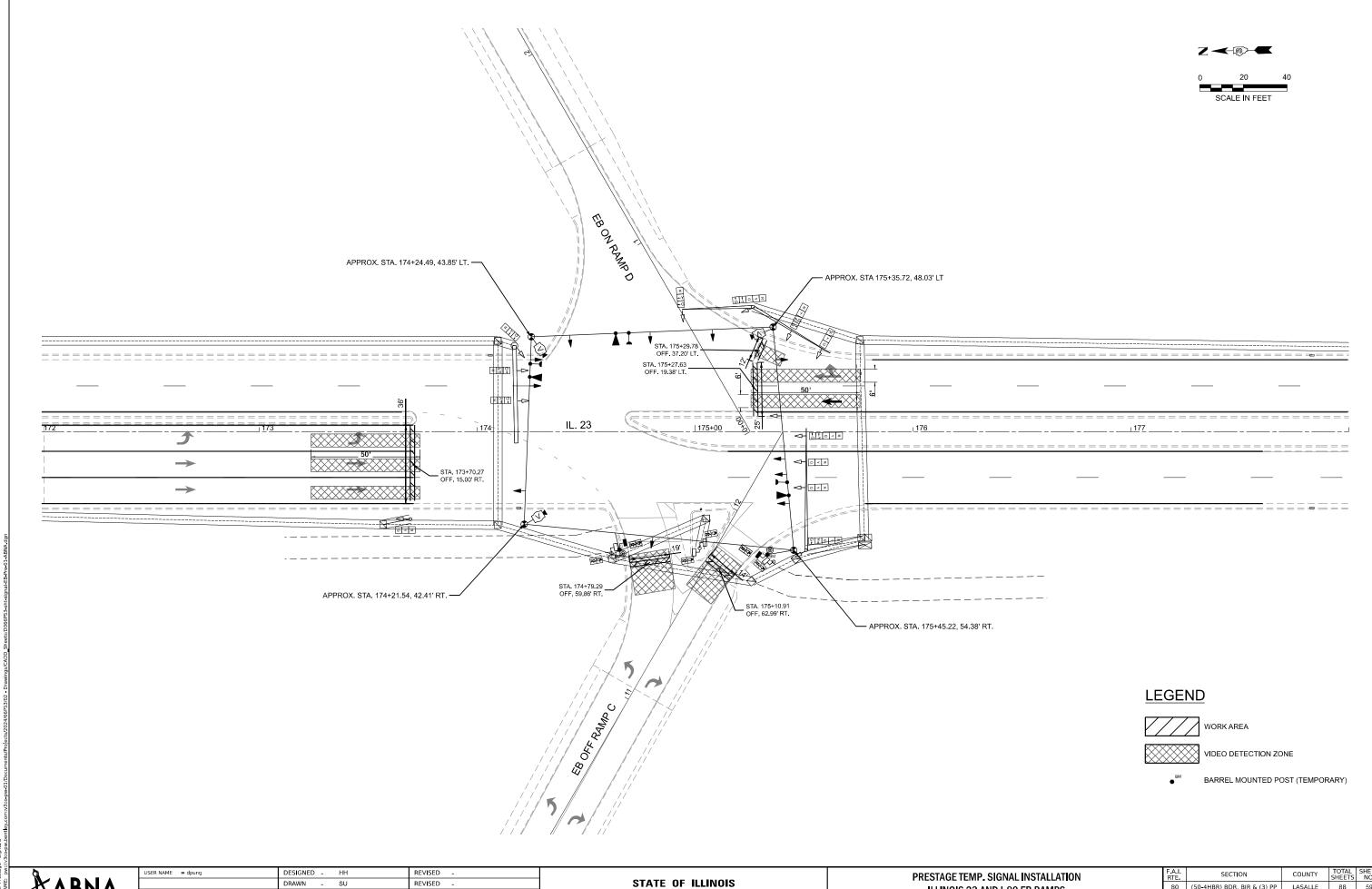
STAGE 4 TEMP. SIGNAL INSTALLATION

ILLINOIS 23 AND I-80 WB RAMPS

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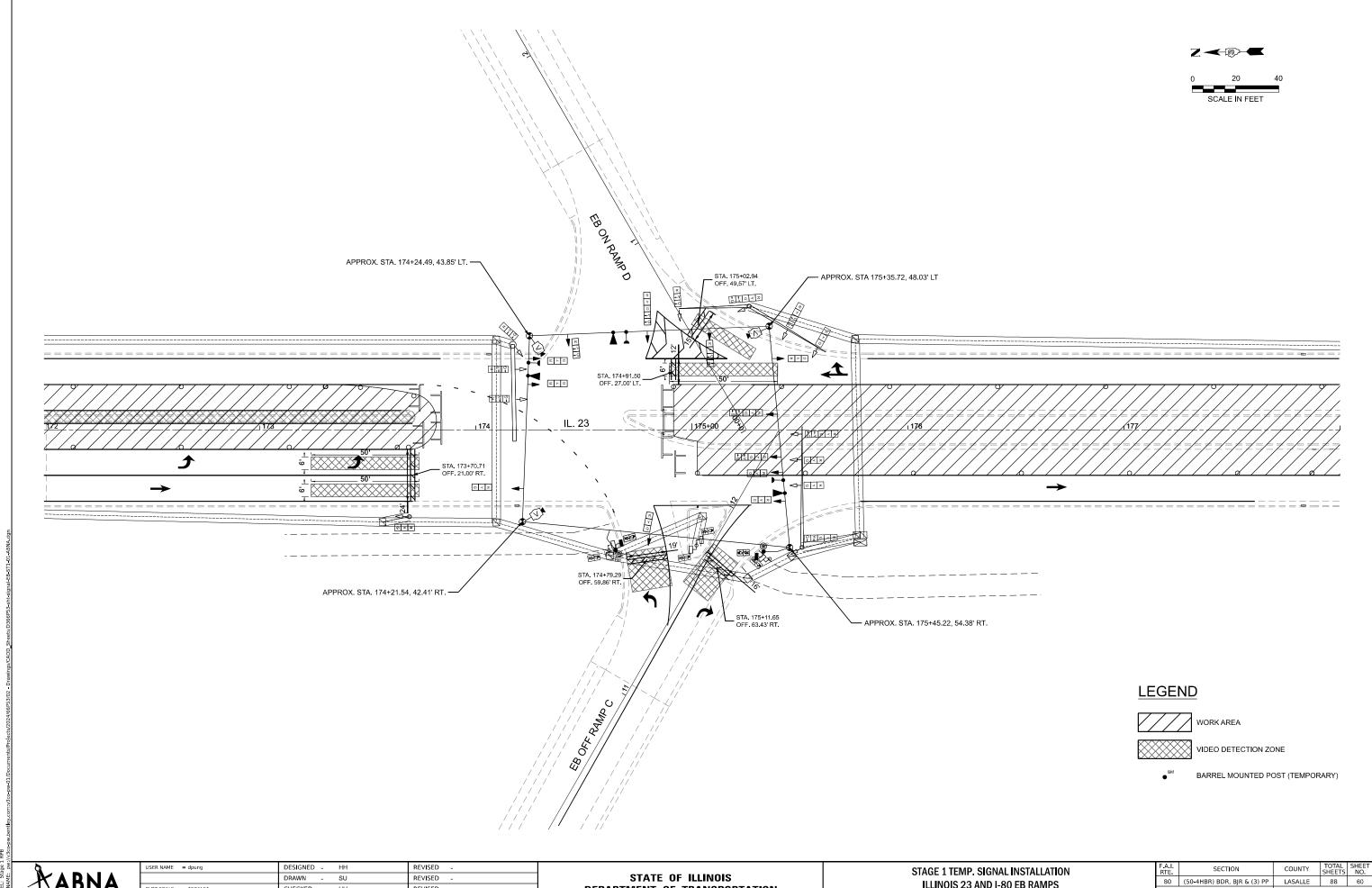
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DEPARTMENT OF TRANSPORTATION

ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 13 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00

 RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.

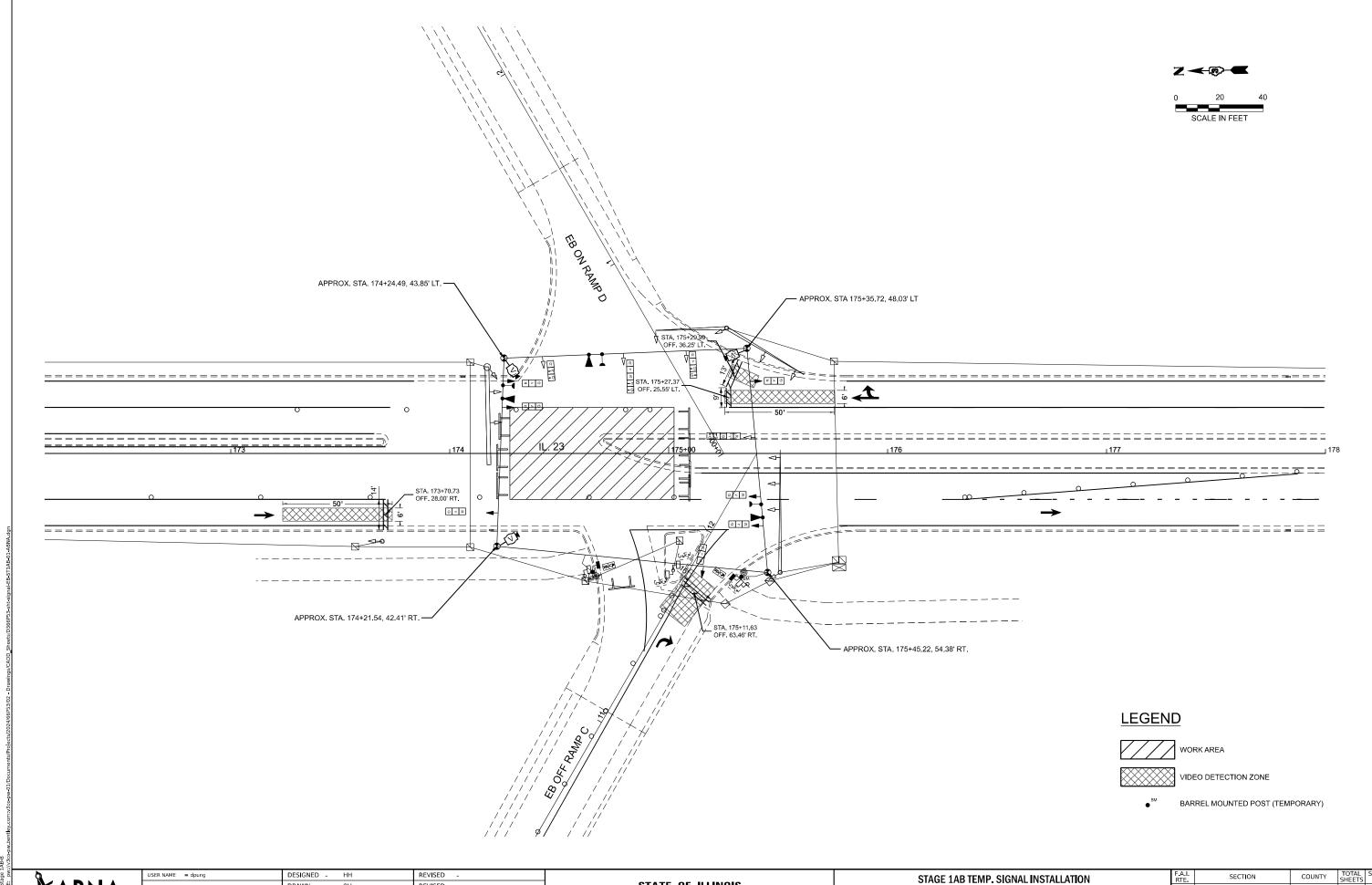
 80
 (50-4HBR) BDR, BJR & (3) PP
 LASALLE
 88
 59
 CONTRACT NO. 66P53



LOT SCALE = \$SCALE\$ CHECKED - HH REVISED REVISED -- 3/24/2025

DEPARTMENT OF TRANSPORTATION

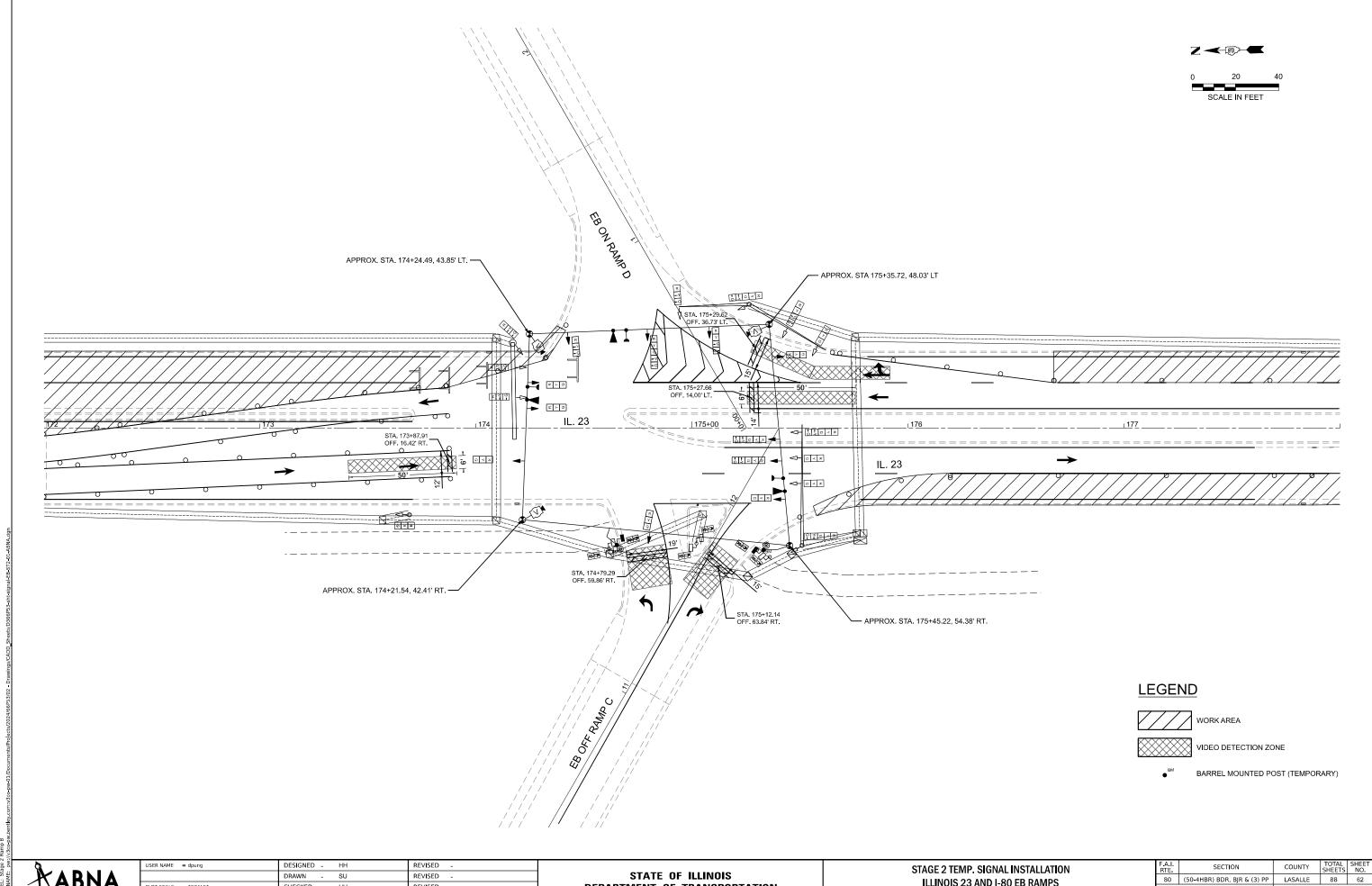
ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 14 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1AB TEMP. SIGNAL INSTALLATION
ILLINOIS 23 AND I-80 EB RAMPS

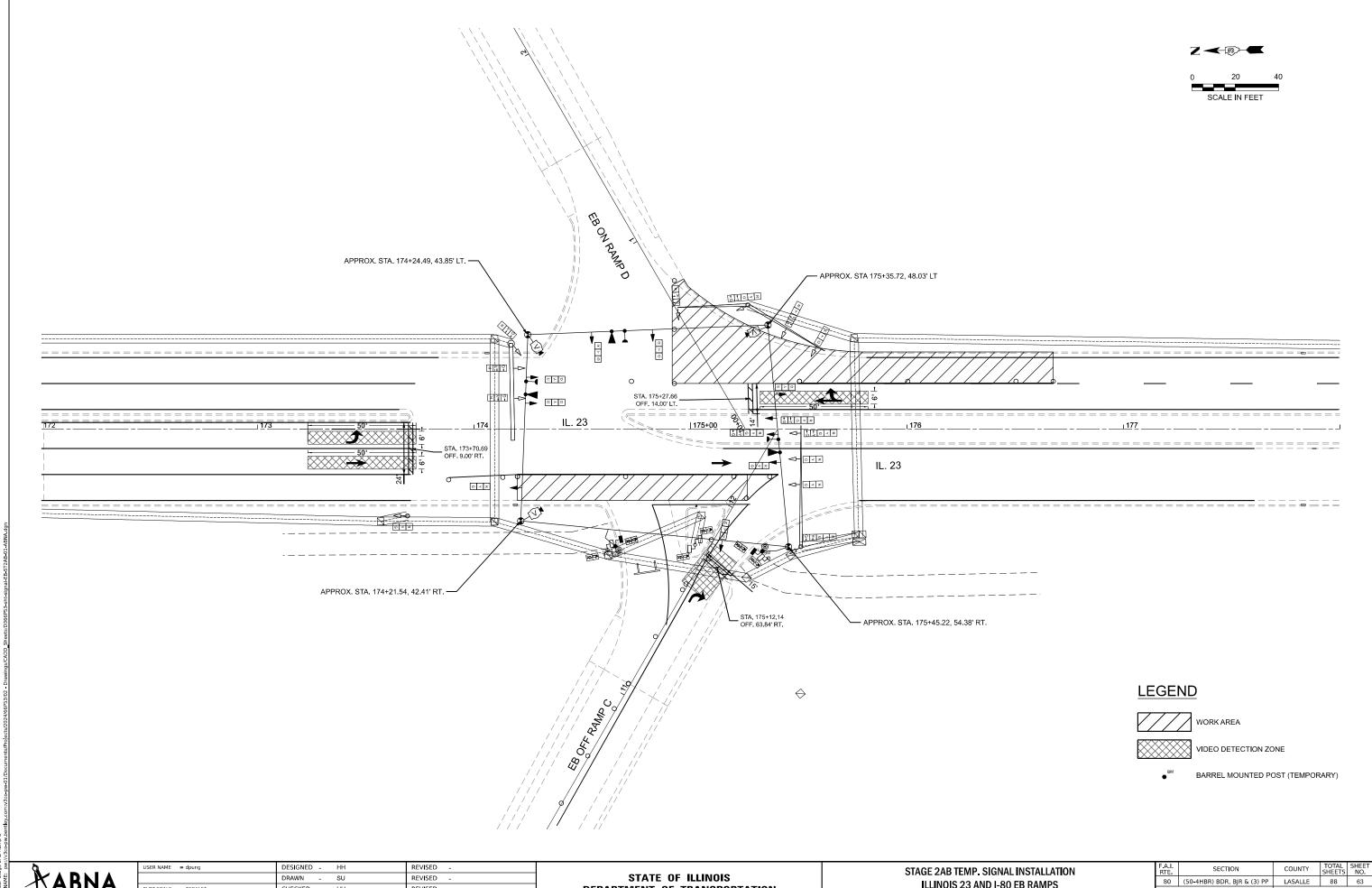
SCALE: 1"=20' SHEET 15 OF 21 SHEETS STA. TO STA



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DEPARTMENT OF TRANSPORTATION

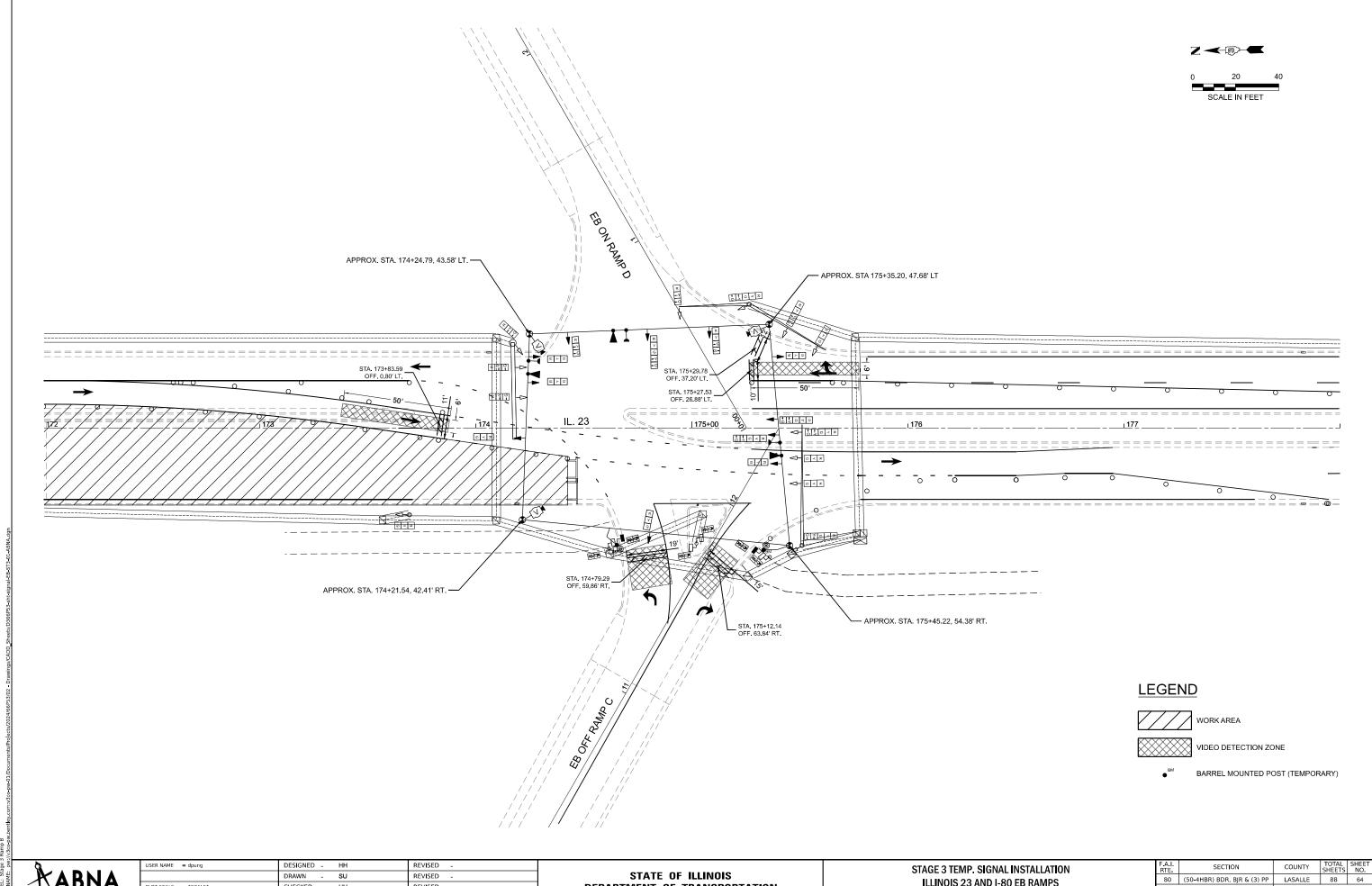
ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 16 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00



_ _ SU LOT SCALE = \$SCALE\$ CHECKED - HH REVISED REVISED -- 3/24/2025

DEPARTMENT OF TRANSPORTATION

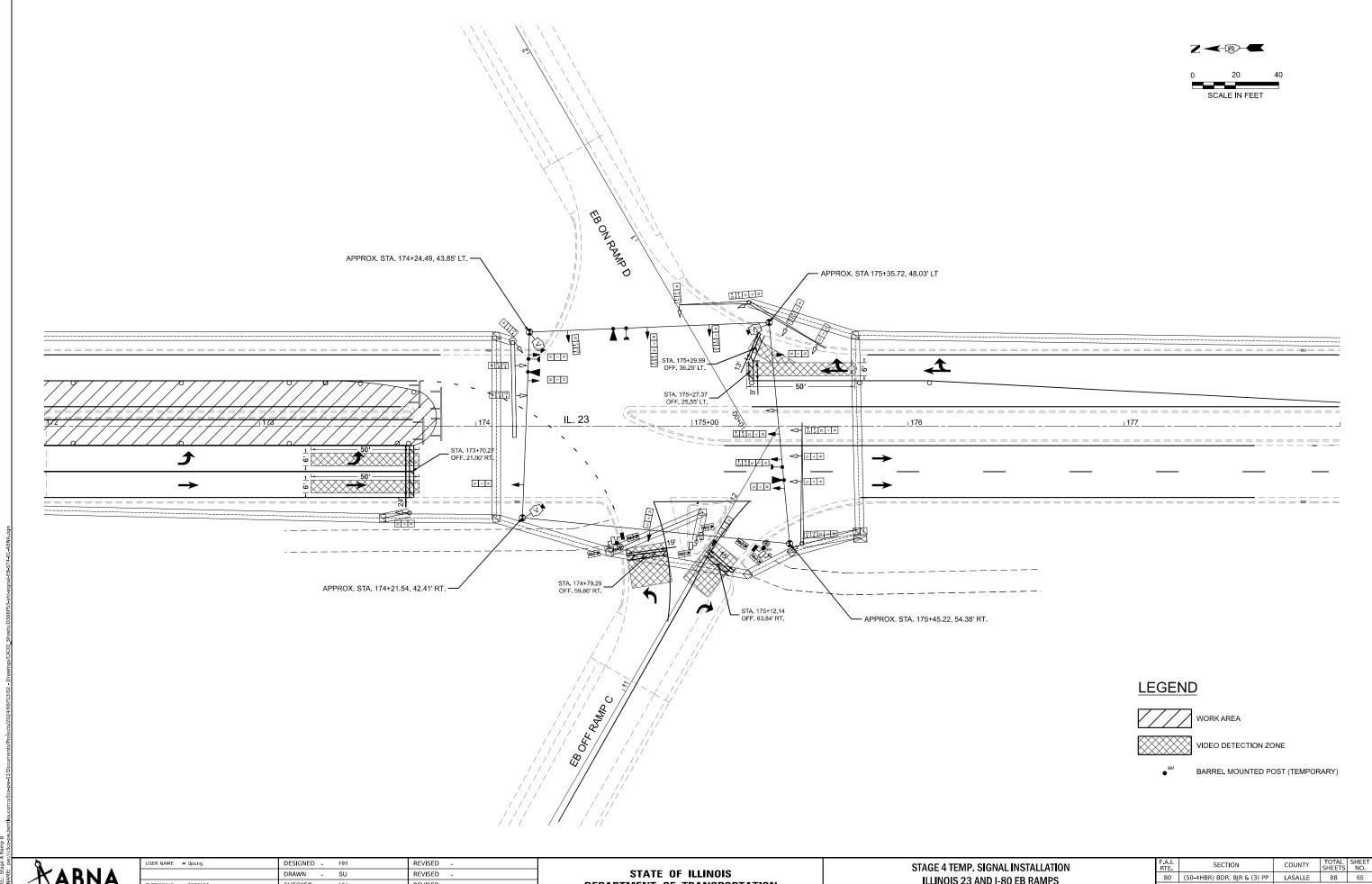
ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 17 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00



LOT SCALE = \$SCALE\$ CHECKED - HH REVISED REVISED -DATE - 3/24/2025

DEPARTMENT OF TRANSPORTATION

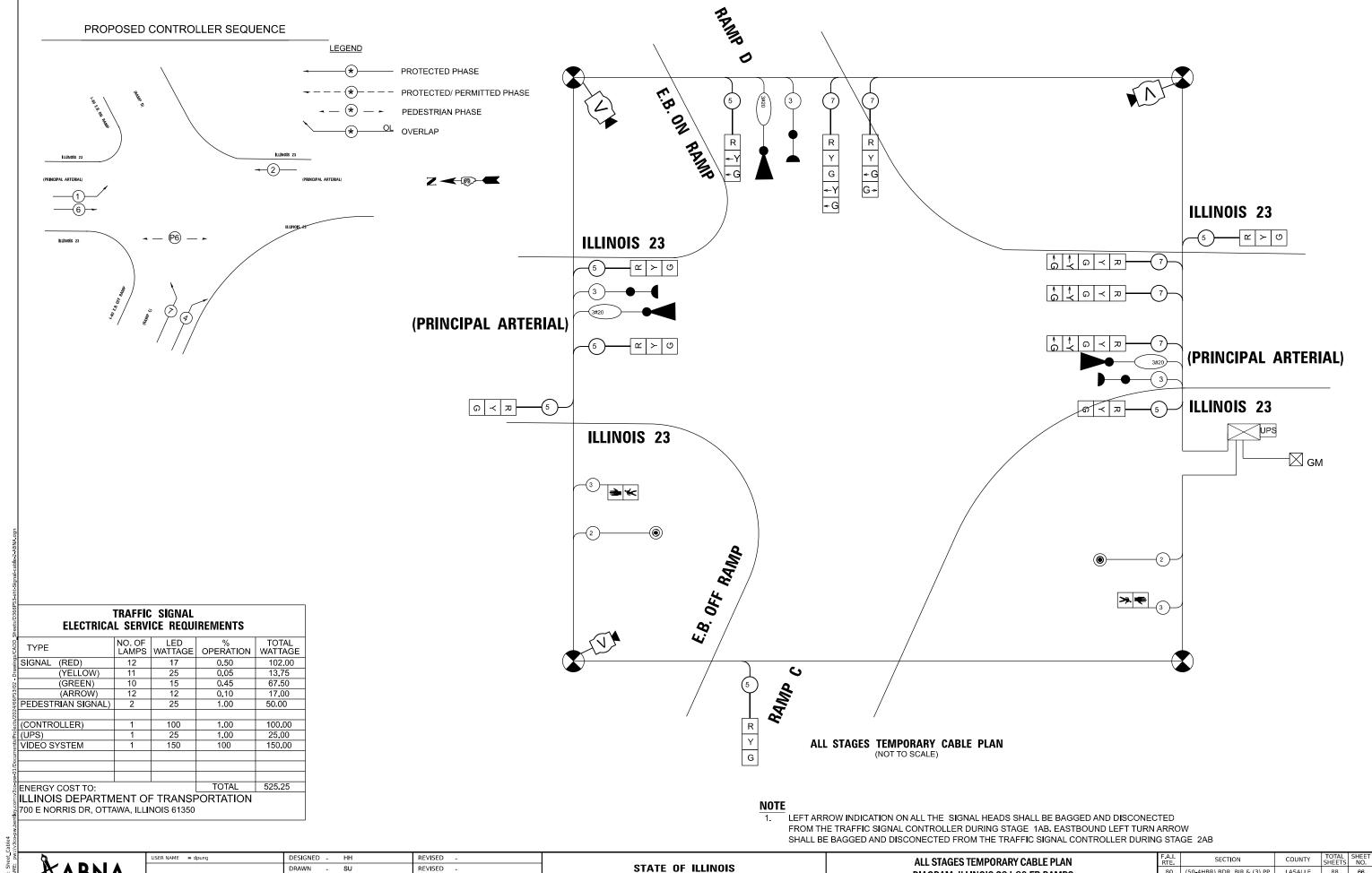
ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 18 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00



_ _ SU LOT SCALE = \$SCALE\$ CHECKED - HH REVISED REVISED -- 3/24/2025

DEPARTMENT OF TRANSPORTATION

ILLINOIS 23 AND I-80 EB RAMPS SCALE: 1"=20' SHEET 19 OF 21 SHEETS STA. 172+00.00 TO STA. 178+00.00

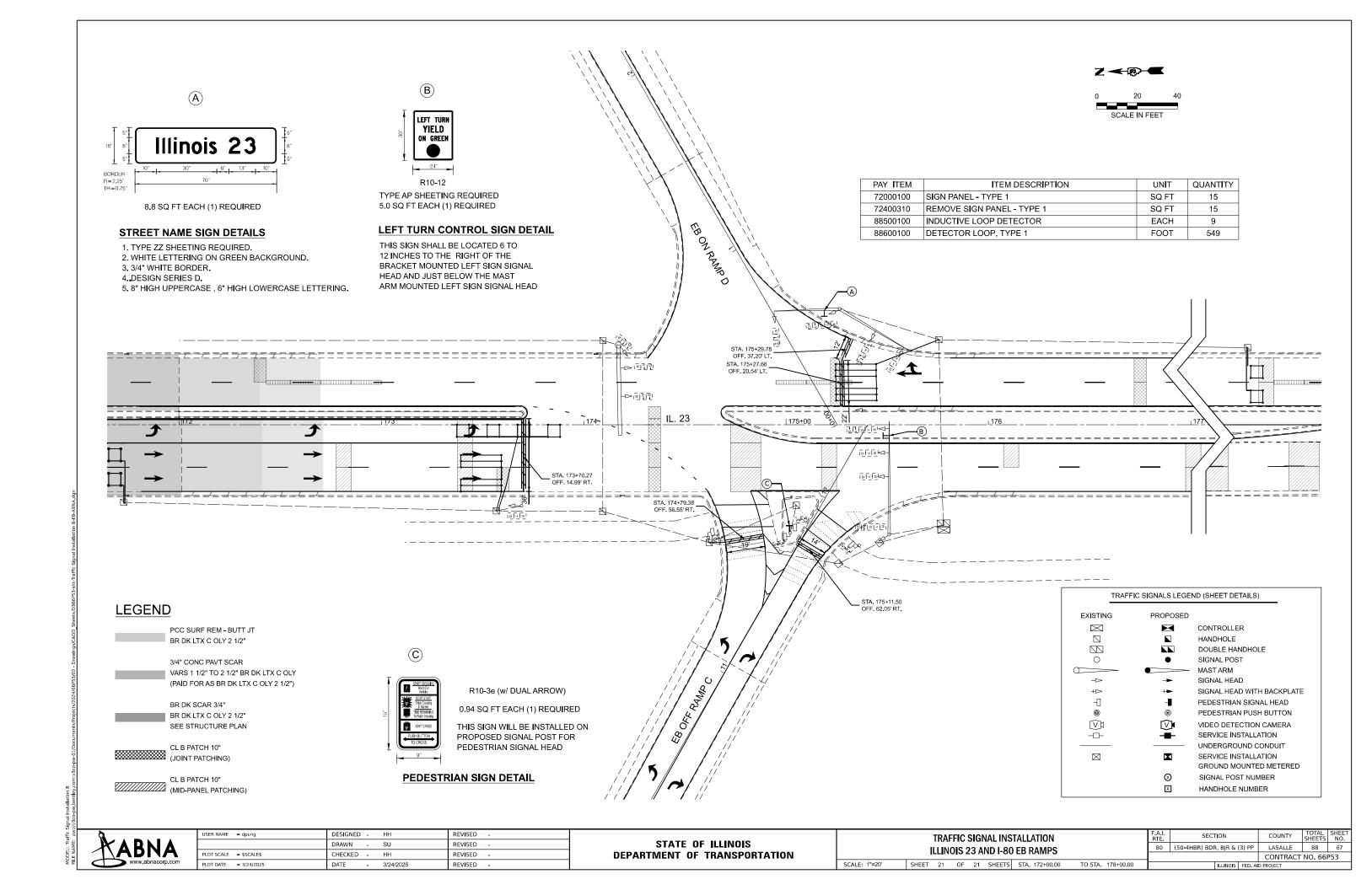


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NTS

ALL STAGES TEMPORARY CABLE PLAN
DIAGRAM, ILLINOIS 23 I-80 EB RAMPS

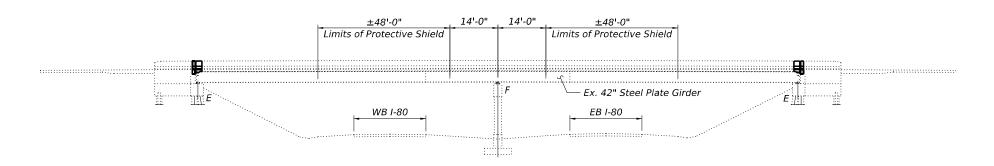
SHEET 20 OF 21 SHEETS STA. TO STA.



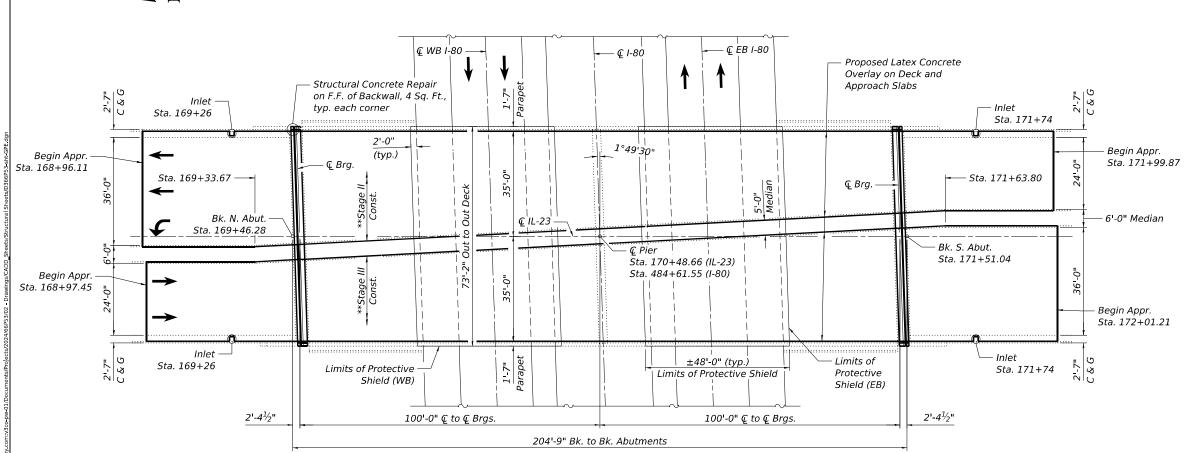
Existing Structure: SN 050-0216 was built in 1995 as IL23/FAP 68 under Section (50-4HBR)BDR,BJR & (3)PP. The existing structure is a 2-span continuous steel multi girder bridge measuring 204'-9" back to back abutments and 73'-2" out to out deck width. The superstructure consists of 42" web steel girders supporting a $7\frac{1}{2}$ " reinforced concrete slab. The substructure consists of a multi column pier on spread footings and stub abutments on steel H piles. The skew is 1°49'30".

Traffic Control: Traffic will be maintained using stage construction.

No Salvage.



ELEVATION



PLAN

SCOPE OF WORK

- 1. Install Protective Shield over travel lanes of I-80.
- 2. Remove portions of existing concrete deck and parapets as required to replace expansion joints at abutments.
- 3. Perform $\frac{3}{4}$ " scarification of existing bridge deck and approach slabs.
- 4. Perform deck repairs.
- 5. Provide new strip seal expansion joints and adjacent superstructure concrete over abutments.
- 6. Place new $2\frac{1}{2}$ " latex concrete overlay on the deck and approach slabs.
- 7. Apply protective coat on new concrete areas and overlay limits.
- 8. Perform concrete repairs on abutment backwalls.
- 9. Replace side retainers at select bearing locations.

DESIGN SPECIFICATIONS

(New Construction) 2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

FIELD UNITS - NEW CONSTRUCTION

f'c = 4,000 psi (Superstructure)fy = 60,000 psi (Reinforcement)

FIELD UNITS - EXISTING CONSTRUCTION

 $f^{1}c = 3,500 \text{ psi}$

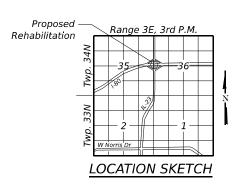
fy = 60,000 psi (Reinforcement)

LOADING HS20 44

(Original Construction) Allow 25 psf future wearing surface.



EXPIRATION DATE: 11-30-2026 DATE: 4/14/2025



GENERAL PLAN AND ELEVATION IL-23/F.A.P. 68 OVER I-80 F.A.I. RTE. 80 - SEC. (50-4HBR) BDR, BJR & (3) PP LASALLE COUNTY STATION 170+48.66

STRUCTURE NO. 050-0216

SER NAME = kcastillo DESIGNED - JRR REVISED DRAWN - JRR REVISED LOT SCALE = \$SCALE\$ REVISED PLOT DATE = 4/14/2025 DATE REVISED - 4/14/2025

** Overlay staging on either side of median face shown.

See Sheet 7 of 12 for joint construction staging.

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN AND ELEVATION STRUCTURE NO. 050-0216 SHEET 1 OF 11 SHEETS STA.

TO STA.

SCALE:

SECTION 80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 68 CONTRACT NO. 66P53

GENERAL NOTES

- 1. Reinforcement bars designated (E) shall be epoxy coated.
- 2. Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work.
- 3. Existing reinforcement bars extending into the concrete removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the Contractor's expense. Cost included with Concrete Removal.
- Cost of removal and disposal of existing expansion joints shall be included in the cost of Concrete Removal.
- Protective Coat shall be applied to the top surface of new overlay and the inside and top faces of new concrete adjacent to joints.
- Concrete Sealer shall be applied to the exposed faces of the abutment backwall and abutment seats.
- Joint openings shall be adjusted according to Article 520.04 of the Standards Specifications when the concrete adjacent to joints is poured at an ambient temperature other than 50°F.
- 8. Expansion joints shall be fabricated to conform to the existing cross slope of the bridge.
- Cost of cleaning the top of the southeast corner of the slopewall of loose debris shall be included in the cost of Debris Removal.
- 10. Cost of cleaning the abutment seats shall be included in the cost of Cleaning Bridge Seats.

LIST OF ABBREVIATIONS

Abut. Abutment Appr. Approach Bk. Back Brg. Bearing bot. Bottom cts. Centers Centerline Const. Construction C & G Curb & Gutter Diameter EΒ Eastbound Ex. Existing Ехр. Expansion Front Face Max. Maximum Min. Minimum SF Square Foot Sta. Station typ. Typical WBWestbound

Ø

INDEX OF SHEETS

- 1. General Plan and Elevation
- 2. General Data
- 3. Stage Construction Details
- 4. Deck Slab Repair Plan
- 5 8. Expansion Joint Replacement Details
- 9. Preformed Joint Strip Seal Details
- 10. Substructure and Bearing Repairs
- 11. Bar Splice Assembly Details

TOTAL BILL OF MATERIAL

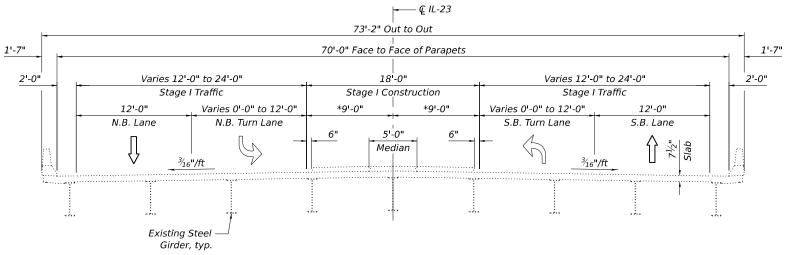
ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	19.8	-	19.8
Protective Shield	Sq. Yd.	781	-	781
Concrete Superstructure	Cu. Yd.	22.0	-	22.0
Bridge Deck Grooving	Sq. Yd.	2,058	-	2,058
Protective Coat	Sq. Yd.	2,193	-	2,193
Reinforcement Bars, Epoxy Coated	Pound	2,790	-	2,790
Concrete Sealer	Sq. Ft.	-	873	873
Bar Splicers	Each	24	-	24
Preformed Joint Strip Seal	Foot	145	-	145
Controlled Low Strength Material	Cu. Yd.	-	2.0	2.0
Anchor Bolts, 1"	Each	-	18	18
Furnishing and Erecting Structural Steel	Pound	-	194	194
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2	-	2
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	1	-	1
Approach Slab Repair (Partial Depth)	Sq. Yd.	6	-	6
Bridge Deck Scarification, 3/4 Inch	Sq. Yd.	2,149	-	2,149
Bridge Deck Latex Concrete Overlay, 2 1/2 Inches	Sq. Yd.	2,149	-	2,149
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	-	16	16
Silicone Joint Sealer, 2"	Foot	-	147	147
Cleaning Bridge Seats	Sq. Ft.	-	866	866
Debris Removal	L. Sum	-	1	1

^{*} Special Provision

USER NAME = kcastillo	DESIGNED - JRR	REVISED -
	DRAWN - JRR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - WJV	REVISED -
PLOT DATE = 4/14/2025	DATE - 4/14/2025	REVISED -

SCALE:

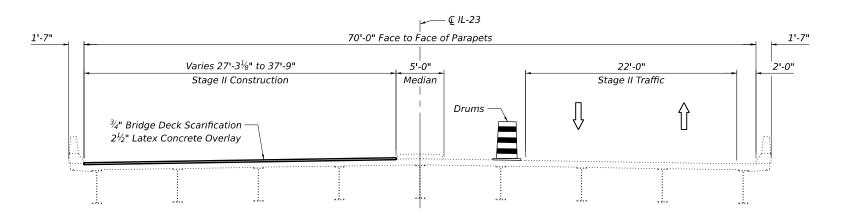
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STRUCTURE NO. 050-0216	80	(50-4HBR) BDR, BJR & (3) PI	LASALLE	88	69
311001011E1101030-0210			CONTRACT	NO. 66F	P53
SHEET 2 OF 11 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT		



STAGE I CROSS SECTION

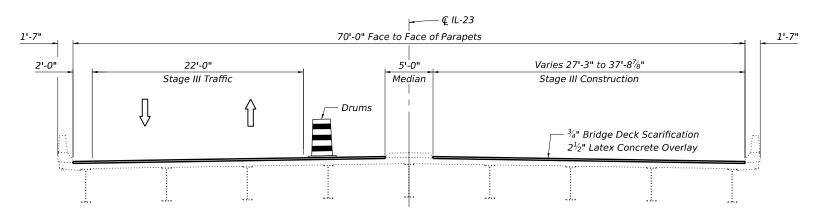
(Looking South)

* See Plan view for median taper on sheet 1 of 12.



STAGE II CROSS SECTION

(Looking South)



Notes:

See Sheets 17 thru 23 for Stage 1 notes and plans. See Roadway Plans for Temporary Concrete Barrier quantities. All transverse dimensions are measured at right angles to © of IL-23.

STAGE III CROSS SECTION

(Looking South)

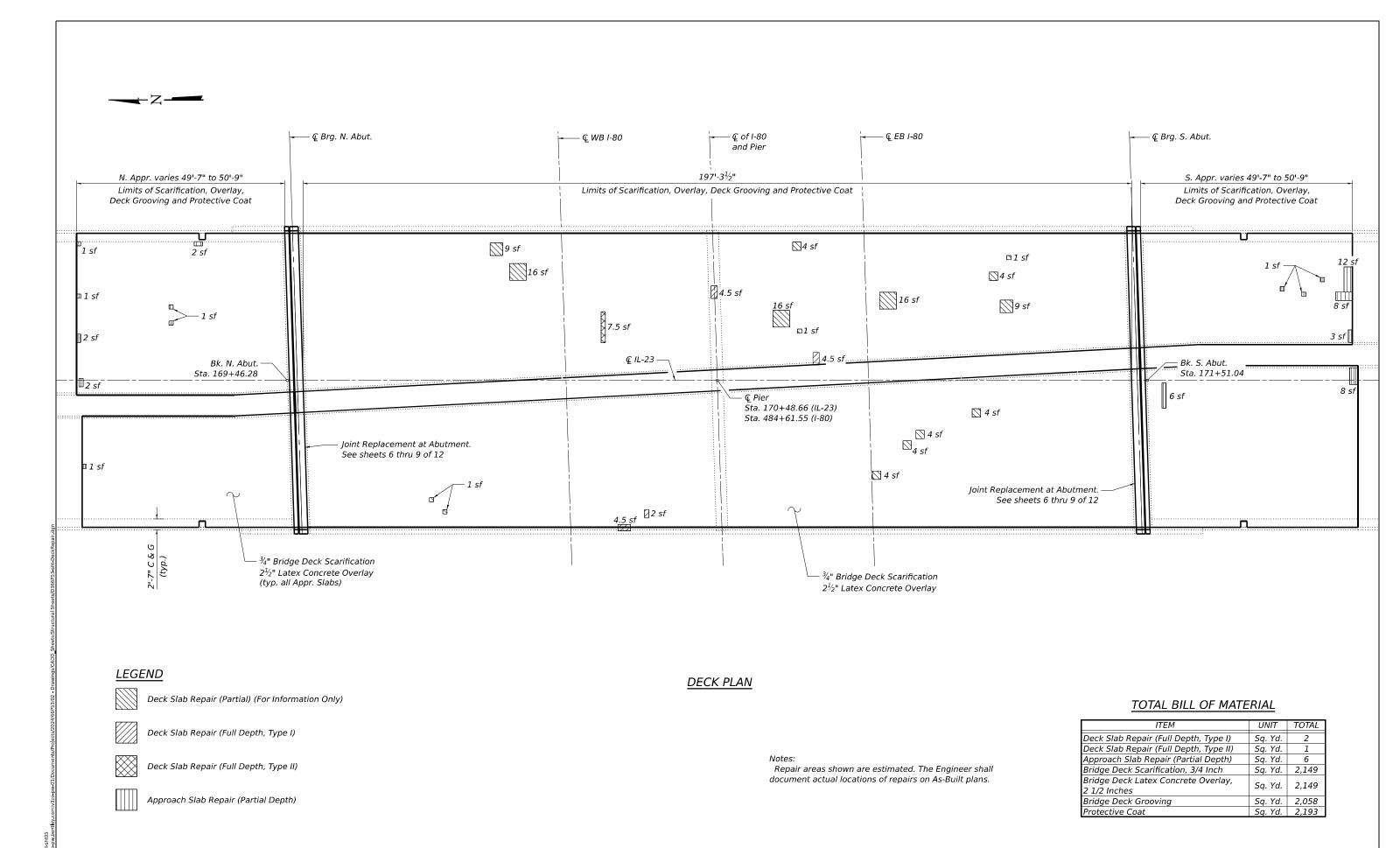
SCALE:

$\overline{}$	V3 Companies 7325 Janes Avenue	
T 7 \	Woodridge, IL 60517	
	630.724.9200 phone	Г
3	630.724.9202 fax www.v3co.com	H

	USER NAME = dpung	DESIGNED - JR	:R	REVISED	-
ue)517		DRAWN - JR	R	REVISED	-
hone	PLOT SCALE = \$SCALE\$	CHECKED - WJ	JV	REVISED	-
	PLOT DATE = 3/24/2025	DATE - 3/2	24/2025	REVISED	-

STATE OF	ILLINOIS
DEPARTMENT OF 1	TRANSPORTATION

STAGING CONSTRUCTION DETAILS STRUCTURE NO. 050-0216					F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
					80	(50-4HBR) BDR, BJR & (3) PP	LASALLE	88	70			
							CONTRACT	NO. 661	253			
	SHEET	3	OF 1	11	SHEETS	STA.	TO STA.		ILLINOIS FED.	ID PROJECT		



Y

7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DECK SLAB REPAIR PLAN
STRUCTURE NO. 050-0216

SHEET 4 OF 11 SHEETS STA. TO STA.

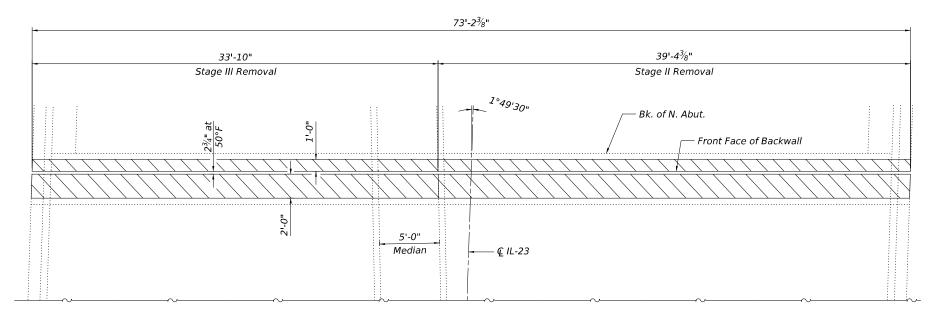
ALL SECTION COUNTY TOTAL SHEET NO.

80 (50-4HBR) BDR, BJR & (3) PP LASALLE 88 71

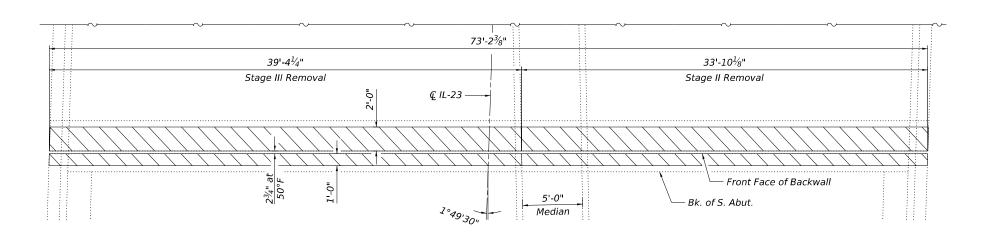
CONTRACT NO. 66P53

| ILLINOIS | FED. AID PROJECT

CONTRACT NO. 66P53



JOINT REMOVAL AT NORTH ABUTMENT



LEGEND

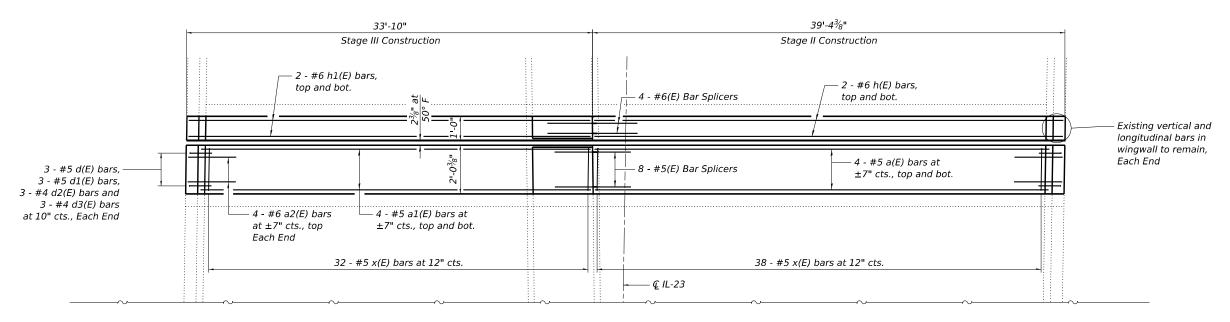
Limits of Concrete Removal

JOINT REMOVAL AT SOUTH ABUTMENT

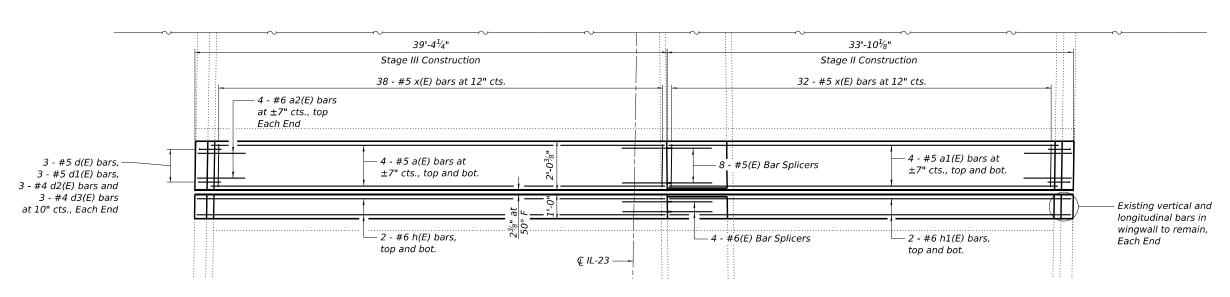
See Sheet 7 of 11 for Sections and Sheet 8 of 11 Bill of Materials.

Y	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com

USER NAME = dpung	DESIGNED - JRR	REVISED -
	DRAWN - JRR	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - WJV	REVISED -
PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -



JOINT REPLACEMENT AT NORTH ABUTMENT



JOINT REPLACEMENT AT SOUTH ABUTMENT

Notes

See Sheet 7 of 11 for Sections.

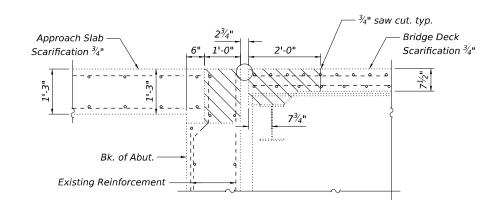
See Sheet 8 of 11 for median reinforcement and Bill of Materials.

	V3 Companies 7325 Janes Avenue	
(T 7)	Woodridge, IL 60517	
\ V	630.724.9200 phone 630.724.9202 fax	Г
\ \\	www.v3co.com	Н
	www.v3co.com	

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7		DRAWN	-	JRR	REVISED -
e	PLOT SCALE = \$SCALE\$	CHECKED	-	WJV	REVISED -
	PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED -

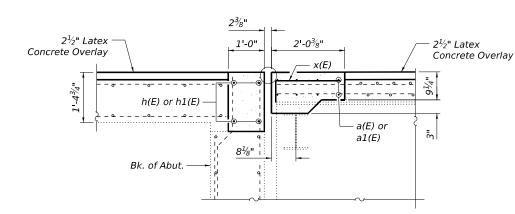
SCALE:

EXPA				REPLAC E NO. 0		T DETAILS 16	
SHEET	6	OF	11	SHEETS	STA.	TO STA.	



SECTION THRU JOINT AT ABUTMENTS

(Showing Removal)

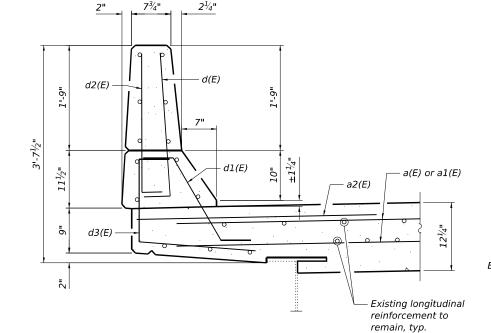


SECTION THRU JOINT AT ABUTMENTS

(Showing Proposed)

LEGEND

Limits of Concrete Removal



2'-3"

2'-11"

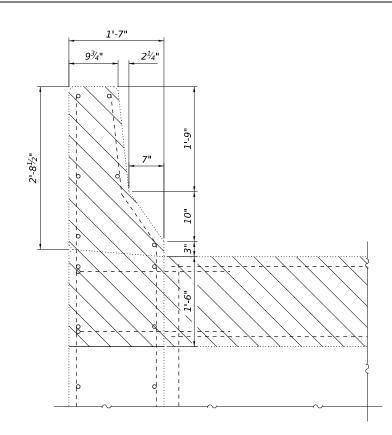
SECTION THRU PARAPET AT JOINT ON BRIDGE DECK SIDE

(Showing Removal)

SECTION THRU PARAPET AT JOINT ON BRIDGE DECK SIDE

(Showing Proposed)

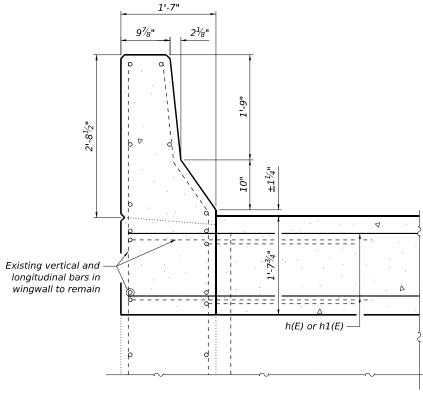
SCALE:



SECTION THRU PARAPET AT JOINT

ON APPROACH SIDE

(Showing Removal)



Notes:

See Sheet 8 of 11 Bill of Materials.

SECTION THRU PARAPET AT JOINT

ON APPROACH SIDE

(Showing Proposed)

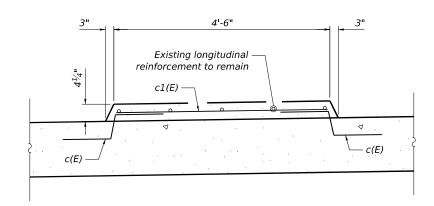


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	PLOT DATE	= 3/24/2025	DATE	-	3/24/2025	REVISED	-

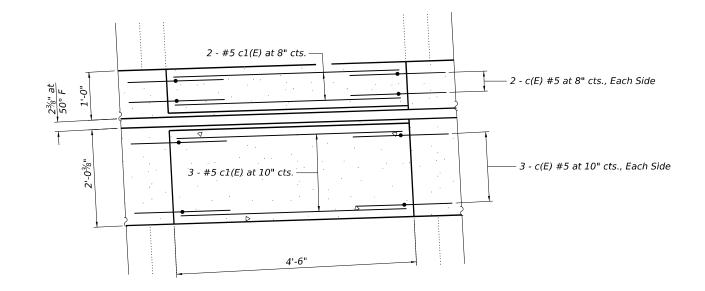
EXPANSION JOINT REPLACEMENT DETAILS								
STRUCTURE NO. 050-0216								
	<u> </u>	NOO	ION	L 110. 0	JU-UZ.		_	
SHEET	7	OF	11	SHEETS	STA.	TO STA.	ı	_

l.l. E.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
0	(50-4HBR) BDR, BJR & (3) PP			LASALLE	88	74
			CONTRACT	NO. 66	P53	
ILLINOIS FED. AI			D PROJECT			

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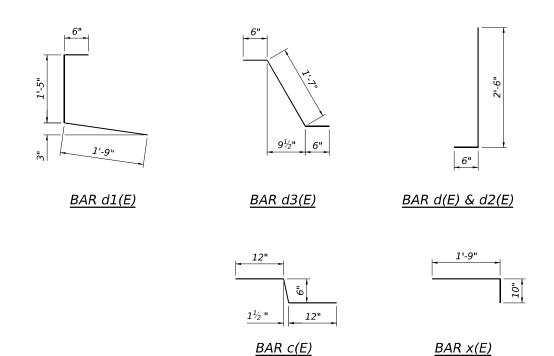


SECTION THRU MEDIAN AT JOINT



MEDIAN DETAIL

(Showing Proposed Median at North Abutment, South similar)



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	16	#5	39'-1"	
a1(E)	16	#5	33'-7"	
a2(E)	16	#6	4'-0"	
c(E)	20	#5	2'-6"	
c1(E)	10	#5	4'-2"	
d(E)	12	#5	3'-0"	
d1(E)	12	#5	3'-8"	
d2(E)	12	#4	3'-0"	
d3(E)	12	#4	2'-7"	\
h(E)	8	#6	39'-1"	
h1(E)	8	#6	<i>33</i> '- <i>7</i> "	
x(E)	140	#5	2'-7"	
Reinfor	cement	Bars,	Lbs.	2,790
Epoxy (Coated		LD3.	2,750
Concrete			Cu. Yd.	22.0
Superstructure				
Concre	te Remo	val	Cu. Yd.	19.8
Bar Spl	icers		Each	24

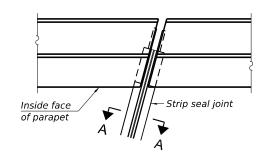
Y	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	

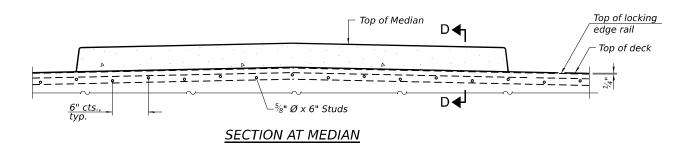
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PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -

SCALE:

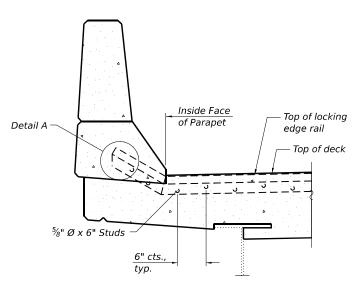
A.I. RTE	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
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	•		CONTRACT	NO. 661	² 53	
ILLINOIS FED AID PROJECT						

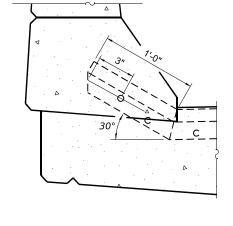
: Joint Replacement IV-sht10



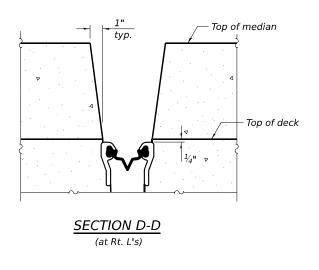


PLAN AT PARAPET





DETAIL A



Notes:

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the $4\frac{1}{2}$ " maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

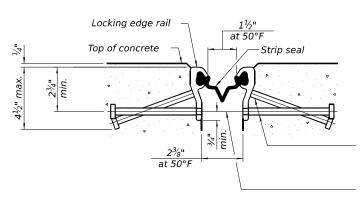
The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be $\frac{3}{16}$ " and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

SECTION AT PARAPET

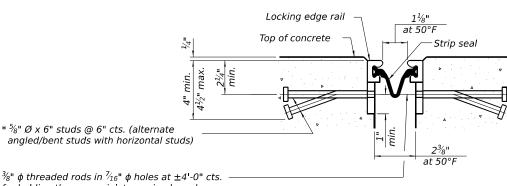


SHOWING ROLLED RAIL JOINT

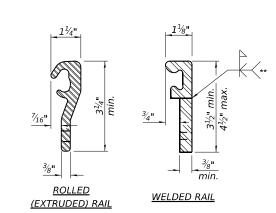
angled/bent studs with horizontal studs) $\frac{3}{6}$ " ϕ threaded rods in $\frac{7}{16}$ " ϕ holes at ± 4 '-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

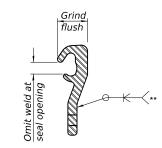


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	145



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7		DRAWN	-	JRR	REVISED	-
ı e	PLOT SCALE = \$SCALE\$	CHECKED	-	WJV	REVISED	-
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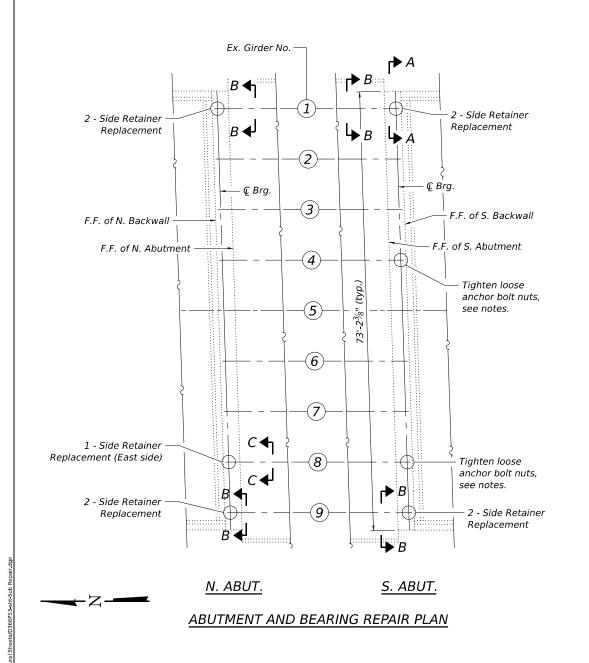
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PREFORMED JOINT STRIP SEAL DETAILS
STRUCTURE NO. 050-0216

TO STA.

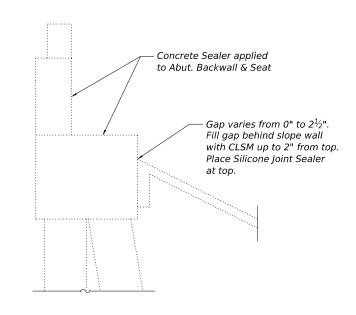
Α.Ι. ΓΕ.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.					
30	(50-4HBR) BDR	, BJR & ((3) PP	LASALLE	88	76					
			CONTRACT	NO. 66	P53						
	I										

SCALE: SHEET 9 OF 11 SHEETS STA.

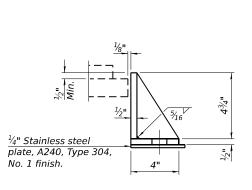


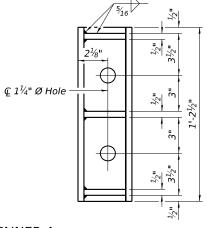
SECTION A-A

(Southeast corner of backwall shown, all four corners similar)



SECTION THRU ABUTMENT





SCALE:

SIDE RETAINER A

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

(No. of Locations - 9)

Notes:

Repair of the existing abutment backwalls shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction. Side retainers shall be hot-dip galvanized according to Article 506.09 of the Standard Specifications.

Cost of tightening anchor bolts shall be included in the cost of Anchor Bolts, 1".

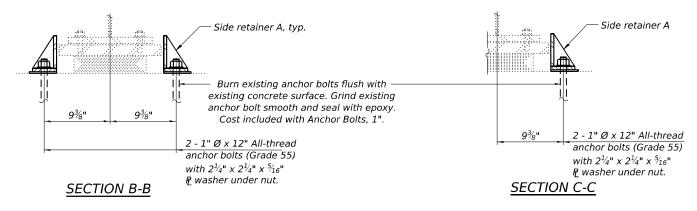
LEGEND

TO STA.

Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	194
Anchor Bolts, 1"	Each	18
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	16
Controlled Low Strength Material	Cu. Yd.	2.0
Silicone Joint Sealer, 2"	Foot	147
Concrete Sealer	Sq. Ft.	873



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	USER NAME = kcastillo	DESIGNED	-	JRR	REVISED	-
L7		DRAWN	-	JRR	REVISED	-
ne	PLOT SCALE = \$SCALE\$	CHECKED	-	WJV	REVISED	-
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE AND BEARING REPAIRS
STRUCTURE NO. 050-0216

SHEET 10 OF 11 SHEETS STA.

 FALL
 SECTION
 COUNTY
 TOTAL SHEETS NO.

 80
 (50-4HBR) BDR, BJR & (3) PP
 LASALLE
 88
 77

 CONTRACT NO. 66P53

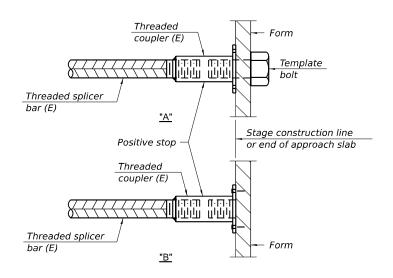
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + $1\frac{1}{2}$ " + thread length

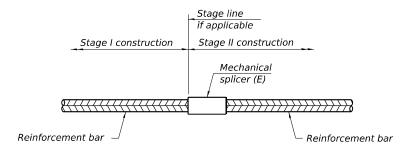
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
S. Exp. Joint	Exp. Joint #5		3'-0"
S. Exp. Joint	#6	4	3'-7"
N. Exp. Joint	#5	8	3'-0"
N. Exp. Joint	#6	4	3'-7"



INSTALLATION AND SETTING METHODS

- "A" : Set bar splicer assembly by means of a template bolt.
- "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 - (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

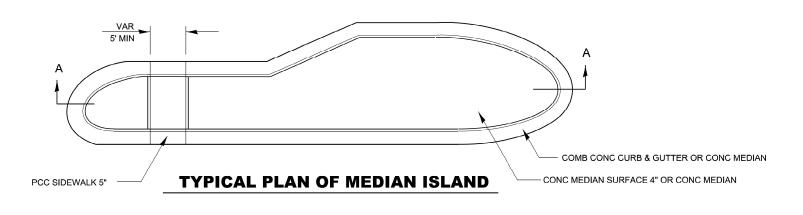
All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of bar splicer assemblies and mechanical splicers for alternatives.

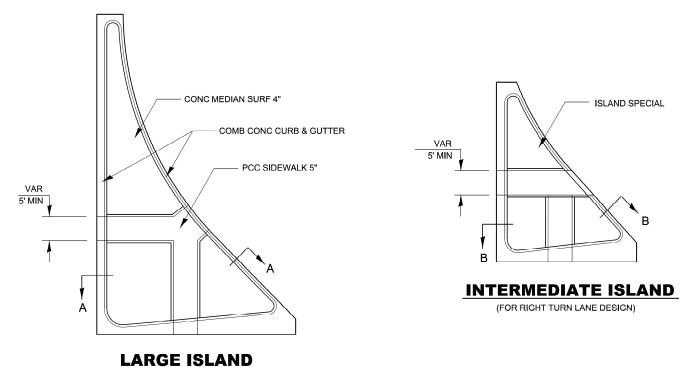


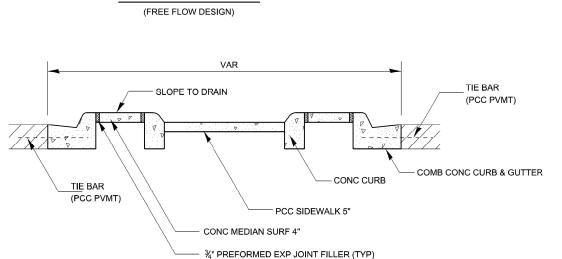
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е	PLOT SCALE = \$SCALE\$	CHECKED - WJV	REVISED -
	PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -

SCALE:

DEPARTMENT OF TRANSPORTATION







SECTION A-A

GENERAL NOTES

SEE STANDARDS 606001, 606301, 424031, AND PLAN SHEETS FOR STATION, OFFSETS, RADII, DIMENSIONS, AND DETAILS NOT SHOWN.

THE SIDEWALK SHOULD DRAIN TO THE LOW SIDE OF THE ISLAND. IF NECESSARY THE SIDEWALK SHALL BE SLOPED TO DRAIN AT A MAXIMUM 1.5% GRADE.

SEE THE PLAN SHEETS FOR THE TYPE OF CURB & GUTTER TO BE USED ON ISLANDS.

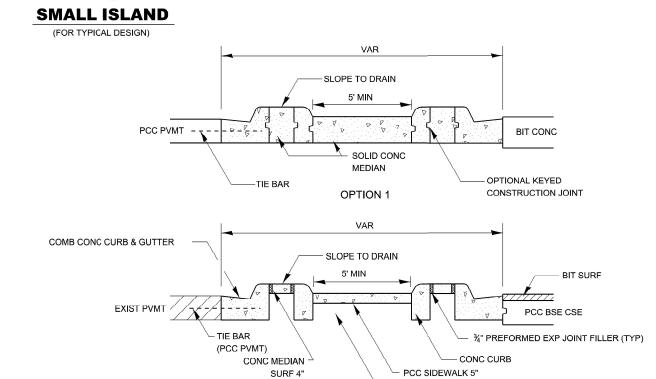
THE SIDEWALK SHOULD NOT BE CLOSER THAN 3' FROM THE CORNER OF THE ISLAND.

KEYED LONGITUDINAL CONSTRUCTION JOINTS SHALL BE CONSTRUCTED WITHOUT TIE BARS.

MEDIANS AND LARGE ISLANDS SHALL CONSIST OF PCC SIDEWALK 5", CONCRETE MEDIANS SURFACE 4", CONCRETE CURB, AND COMBINATION CONCRETE CURB & GUTTER, TYPE M OR B OR THE SIZE SPECIFIED. MEDIAN ISLAND CAN ALSO BE SOLID CONCRETE MEDIANS.

LOCATIONS, LAYOUTS, AND WIDTHS OF THE FLUSH SIDEWALK AREA, SHALL BE DETERMINED BY THE DESIGNER AND SHOWN ON THE PLANS.

THE INTERMEDIATE AND SMALL ISLANDS WILL BE MEASURED FOR PAYMENT FROM EOP TO EOP USING EITHER OPTION 1 OR OPTION 2, AS DIRECTED BY THE ENGINEER, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FT FOR CONCRETE MEDIAN (SPECIAL), WHICH SHALL INCLUDE THE CURB, COMBINATION CURB & GUTTER, SIDEWALK, AGGREGATE FILL, CONCRETE MEDIAN SURFACE, AND SOLID CONCRETE MEDIAN.



- ISLAND SPECIAL

SECTION B-B

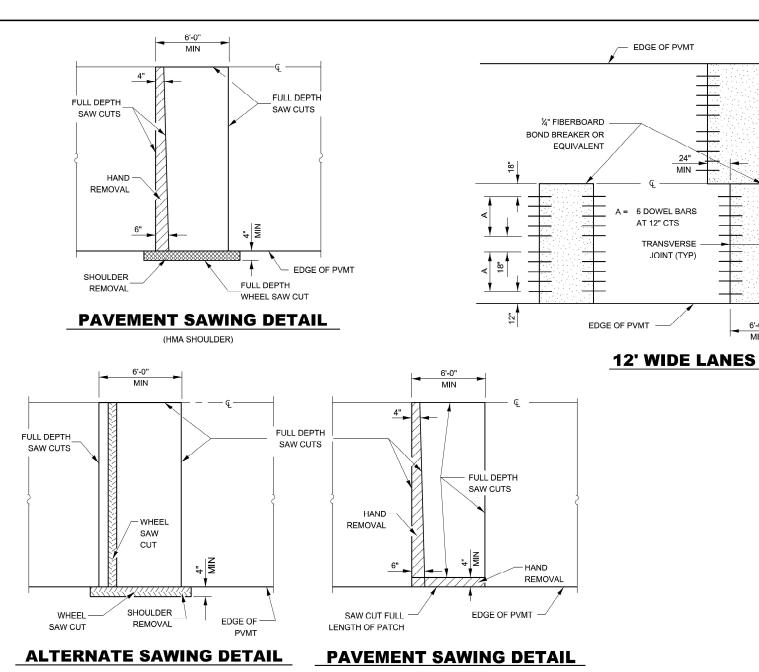
OPTION 2

AGG FILL (TYP)

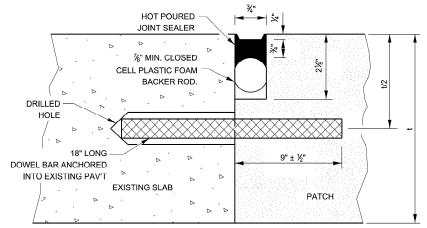
	V3 Companies	USER NAME = dpung	DESIGNED - MS	REVISED -			DETAILS		F.A.I. RTF	SECTION	COUNTY	TOTAL SHE	ET .
/ T	Woodridge, IL 605	.7	DRAWN - DP	REVISED -	STATE OF ILLINOIS	DEIRIES			80 (5	0-4HBR) BDR, BIR & (3) PP	LASALLE	88 7	/9
()	630.724.9200 pho 630.724.9202 fax	PLOT SCALE = \$SCALE\$	CHECKED - JB	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT	NO. 66P53	
	www.v3co.com	PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -	1	SCALE: NTS	SHEET 1 OF 10 SHEETS STA.	TO STA.		III INOIS FED. AI	D PROJECT		-

VAR.

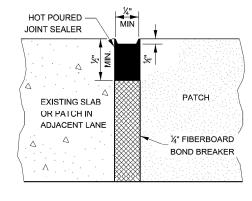
5' MIN.



(PCC SHOULDER)

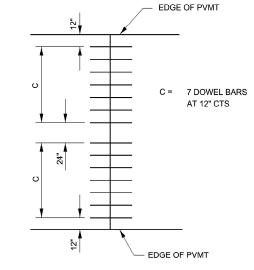


TRANSVERSE JOINT



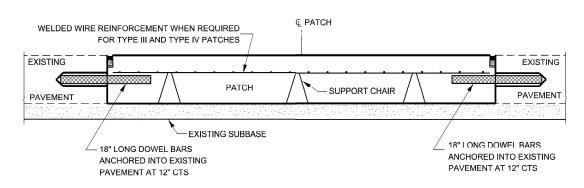
CENTERLINE JOINT

EDGE OF PVMT 6 DOWEL BARS AT 12" CTS EDGE OF PVMT

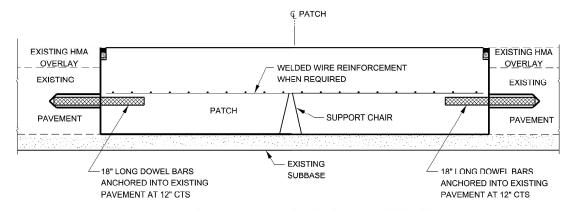


14' WIDE RAMP

16' WIDE RAMP



PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY

DOWEL BAR TABLE										
PAVFMFNT	DOWEL BAR	HOLE								
THICKNESS	DIAMETER	DIAMETER								
8" OR GREATER	1½"	1%"								
7" THRU 7.99"	1¼"	1%"								
LESS THAN 7"	1"	1%"								

SCALE: NTS

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.

SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

SHEET 1 OF 2

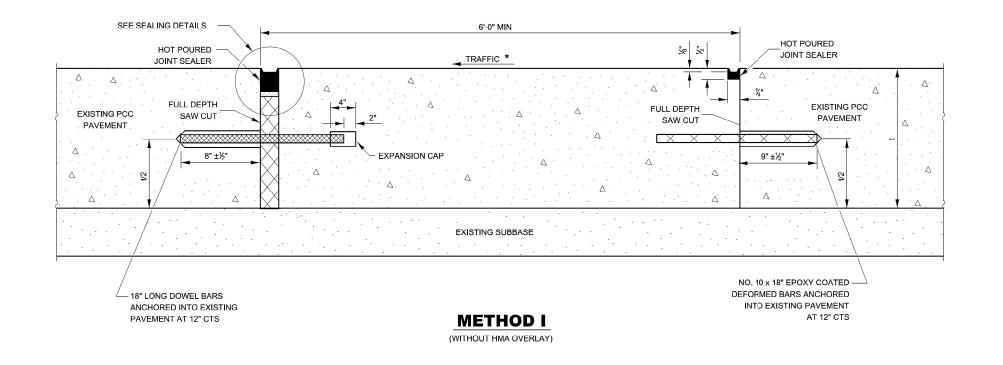


s venue . 60517	USER NAME	= dpung	DESIGNED	-	MS	REVISED	-
			DRAWN	-	DP	REVISED	-
0 phone 2 fax	PLOT SCALE	= \$SCALE\$	CHECKED	-	JB	REVISED	-
n	PLOT DATE	= 3/24/2025	DATE	-	3/24/2025	REVISED	

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

6'-0"

DETAILS				F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHE				
								80	(50-4HBR) BDR, BJR & (3)	PP	LASALLE	88	80
	1										CONTRACT	NO. 661	P53
	SHEET	2	OF	10	SHEETS	STA	TO STA		III INOIS EE	ED AID	DROILCE		



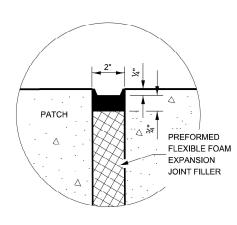
6'-0" MIN

TRAFFIC *

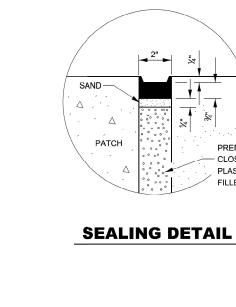
EXISTING SUBBASE

METHOD II
(WITH HMA OVERLAY)

- EXPANSION CAP



SEALING DETAIL



HMA OVERLAY

HOT POURED

NO. 10 x 18" EPOXY COATED -DEFORMED BARS ANCHORED

SCALE: NTS

INTO EXISTING PAVEMENT

AT 12" CTS

FULL DEPTH

SAW CUT

JOINT SEALER

NOTE

PREFORMED

- CLOSED CELL

PLASTIC JOINT FILLER

* WHEN RE-ESTABLISHING A TRANSVERSE EXPANSION JOINT ON A TWO-WAY ROAD, REVERSE THE ORIENTATION OF THE DOWEL BARS WITH RESPECT TO TRAFFIC FOR ONE OF THE PATCHES SUCH THAT THE JOINT WILL BE CONTINUOUS ACROSS BOTH LANES.

SHEET 2 OF 2

	V3 Companies 7325 Janes Avenue	
(T 7)	Woodridge, IL 60517	
	630.724.9200 phone 630.724.9202 fax	
3	www.v3co.com	

	USER NAME = dpung	DESIGNED -	MS	REVISED -
		DRAWN -	DP	REVISED -
:	PLOT SCALE = \$SCALE\$	CHECKED -	JB	REVISED -
	PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED -

2" JOINT

SAW CUT

FULL DEPTH

-18" LONG DOWEL BARS

ANCHORED INTO EXISTING PAVEMENT AT 12" CTS

· 🛆

EXISTING PCC

PAVEMENT

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE $1\frac{1}{2}$ " IN DIA AND 9" DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A $1\frac{1}{4}$ " x 18" SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

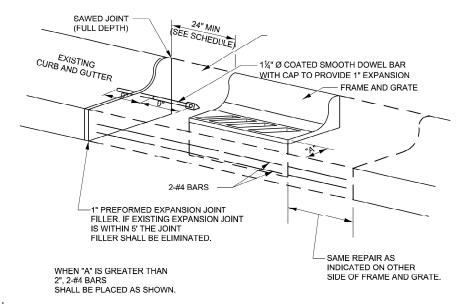
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CURB AND GUTTER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.



DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET

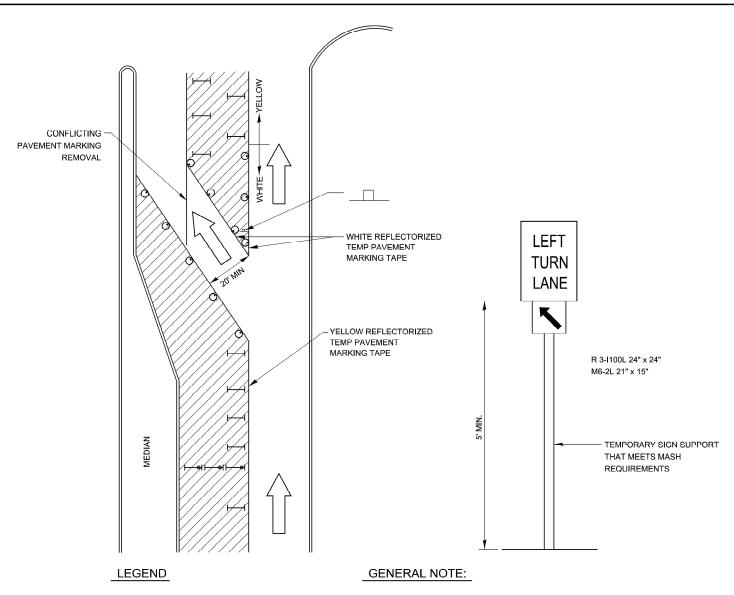
SCALE: NTS

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	630.724.9200 phone
\ \\	630.724.9202 fax
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	DRAWN -	DP	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	JB	REVISED -	
PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED -	

						F.A.I. RTE	SECTION			TOTAL SHEETS	SHEET NO.	
						80	(50-4HBR) BDR, BJR & (3)	PP	LASALLE	88	82	
										CONTRACT	NO. 66F	253
	SHEET 4 OF 10 SHEETS STA. TO STA.					ILLINOIS FE	D. AID F	PROJECT				

.com.vs.co-pw-oz/pocuments/riojects/zoz-t/oors33/oz - prawnigs/CADD_sneets/



CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAYTIME OPERATIONS. CONES SHALL BE A MINIMUM OF 28" IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAYTIME OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

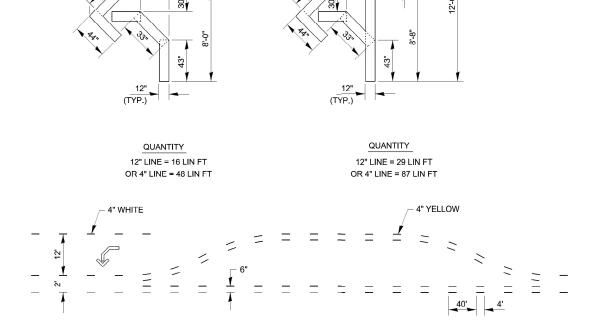
REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24" x 24" AND M6-2R 21" x 15" SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL TOR LANE CLOSURES.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

	/3 Companies /325 Janes Avenue	USE
	Voodridge, IL 60517	
	330.724.9200 phone 330.724.9202 fax	PLC
<u> </u>	vww.v3co.com	PLC

WORK AREA

LANE OPEN TO TRAFFIC

TYPE I OR II BARRICADE OR DRUM

WITH FLASHING BURNING LIGHT

DRUM OR BARRICADE WITH

TYPE I OR II CHECK BARRICADE

WITH STEADY LIGHT BURN

STEADY BURN LIGHT

SIGN (SEE DETAIL)

	USER NAME = dpung	DESIGNED	-	MS	REVISED -
e 17		DRAWN	-	DP	REVISED -
ne	PLOT SCALE = \$SCALE\$	CHECKED	-	JB	REVISED -
	PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED -

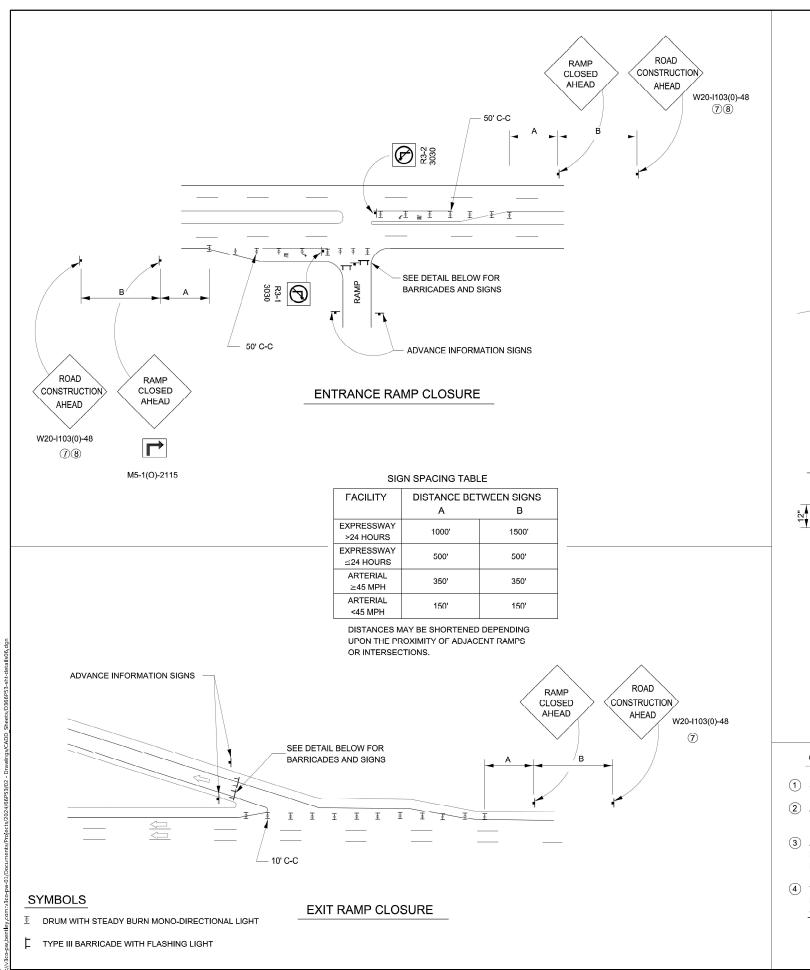
							F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					80	(50-4HBR) BDR, BJR & (3) PP	LASALLE	88	83			
										CONTRACT	NO. 66	P53
NTS	SHEET	5	OF	10	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

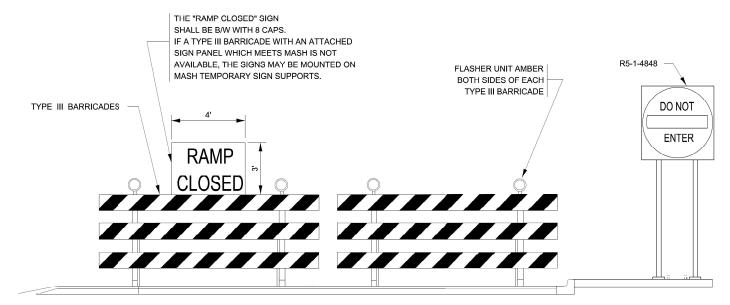
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ntley.com:v3co-pw-01/Documents/Projects/2024/66P53/

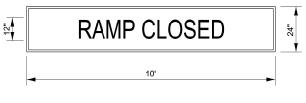
MODEL: Default





DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



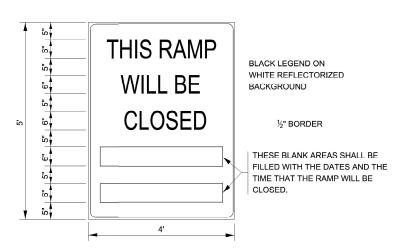
REFLECTORIZED BACKGROUND

1" BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIST
GUIDE SIGNS FOR THE CLOSED EXIT RAMPS

BLACK LEGEND ON FLUORESCENT ORANGE

RAMP CLOSURE ADVANCE INFORMATION SIGN



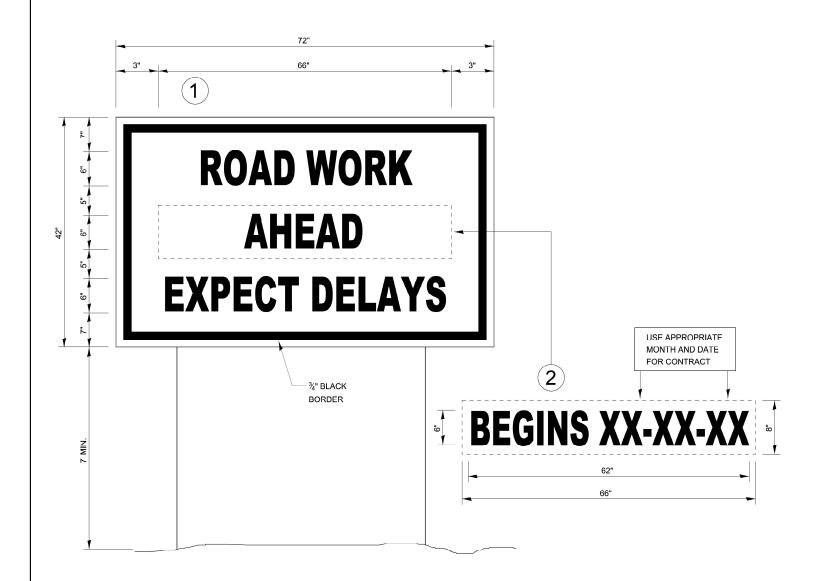
THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

GENERAL NOTES:

- (1) STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ② A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- (3) ALL ROUTE MARKERS AND SIGN ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- (4) THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

- (5) AUTHORIZATION FROM THE DISTRICT'S BUREAU OF OPERATIONS IS REQUIRED FOR ALL RAMP CLOSURES.
- (6) THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY- FOUR 24 HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY FOUR 24 HOURS IN LENGTH.
- (7) ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- (8) ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.

	7325 Janus Avanus	USER NAME = dpung	DESIGNED -	MS	REVISED -			DETAILS		RTF	SECTION	COUNTY	SHEETS NO
	Woodridge, IL 6051	7	DRAWN -	DP	REVISED -	STATE OF ILLINOIS		DEIMILO		80	(50-4HBR) BDR, BIR & (3) PP	LASALLE	88 84
	630.724.9200 phon 630.724.9202 fax	e PLOT SCALE = \$SCALE\$	CHECKED -	JB	REVISED -	DEPARTMENT OF TRANSPORTATION					(00 111011) 2011) 2011 4 (0) 11	CONTRAC	F NO. 66P53
ك. ك	www.v3co.com	PLOT DATE = 3/24/2025	DATE -	3/24/2025	REVISED -		SCALE: NTS	SHEET 6 OF 10 SHEETS STA.	TO STA.		ILLINOIS FED. AII	D PROJECT	



TEMPORARY INFORMATION SIGNING

NOTES:

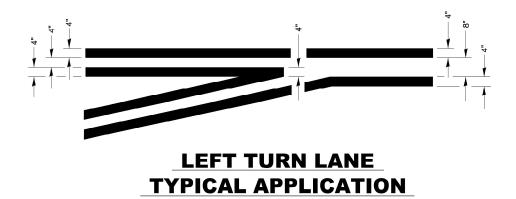
- 1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
- ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN①WITH INSTALLED PANEL②A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
- 4. REMOVE PANEL ON THAT DATE.
- 5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL@WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

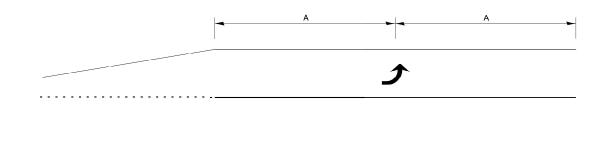
	V3 Companies	
T T \	7325 Janes Avenue Woodridge, IL 60517	Γ
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\ \\	630.724.9202 fax	ŀ
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	DRAWN	-	DP	REVISED	-
PLOT SCALE = \$SCALE\$	CHECKED	-	JB	REVISED	-
PLOT DATE = 3/24/2025	DATE	-	3/24/2025	REVISED	-

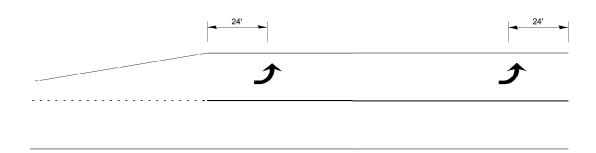
STATE (F ILLINOIS	
DEPARTMENT OI	TRANSPOR	TATION

DETAILS									F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
									80	(50-4HBR) BDR, BJR & (3) F	PP LASALLE	88	85
											CONTRACT	NO. 66	P53
SCA	SCALE: NTS SHEET 7 OF 10 SHEETS STA. TO STA.									ILLINOIS FEE	D. AID PROJECT		

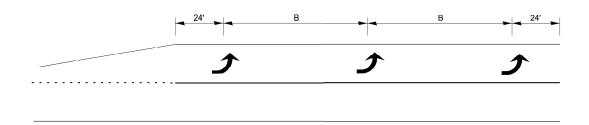




99' AND UNDER



100' TO 149'

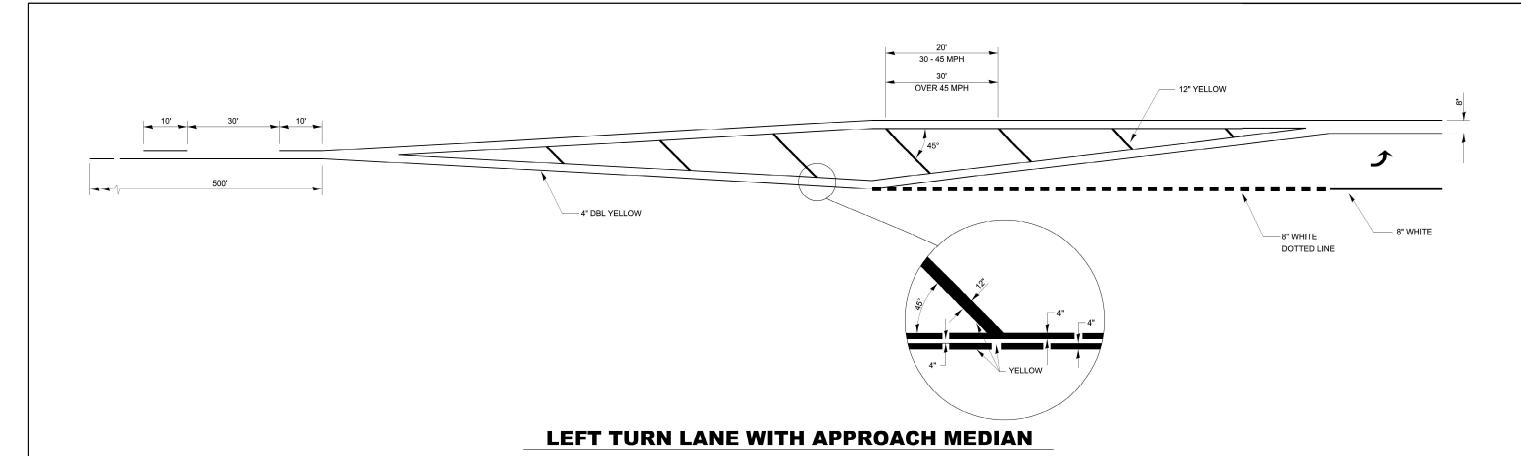


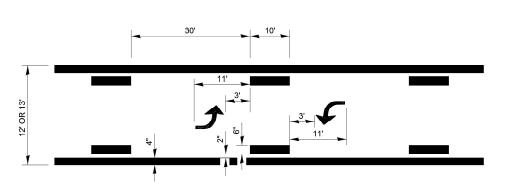
150' AND LONGER

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

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17		DRAWN - DP	REVISED -	
ne	PLOT SCALE = \$SCALE\$	CHECKED - JB	REVISED -	
	PLOT DATE = 3/24/2025	DATE - 3/24/2025	REVISED -	

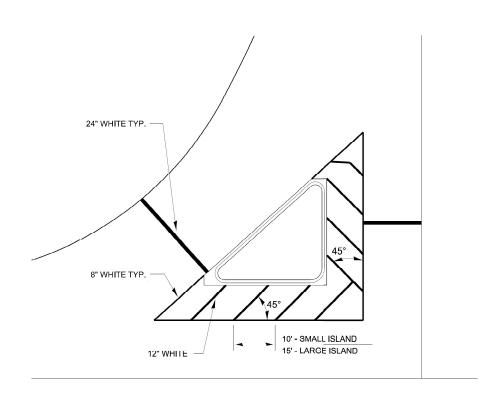
DETAILS								F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
								80	(50-4HBR) BDR, BJR & (3) PP	LASALLE	88	86
											CONTRACT	NO. 661	253
SCALE: NTS SHEET 8 OF 10 SHEETS STA. TO STA.									ILLINOIS F	FED. AID	PROJECT		





TYPICAL APPLICATION @ BI-DIRECTIONAL TURN LANE

DESIGNER NOTE:
MINIMUM 2 SETS OF ARROWS, ADDITIONAL SETS AT 200'-300' APART.



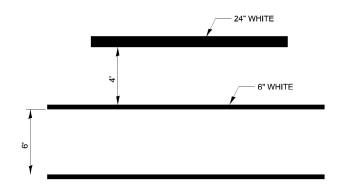
TYPICAL ISLAND MARKINGS

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(T 7)	Woodridge, IL 60517	
\ V _	630.724.9200 phone 630.724.9202 fax	
9	www.v3co.com	

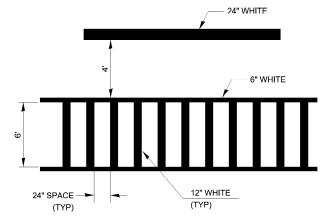
s	USER NAME	= dpung	DESIGNED	-	MS	REVISED	-
Avenue L 60517			DRAWN	-	DP	REVISED	-
0 phone 2 fax	PLOT SCALE	= \$SCALE\$	CHECKED	-	JB	REVISED	-
m	PLOT DATE	= 3/24/2025	DATE	-	3/24/2025	REVISED	-

STATE OF ILLINOIS									
DEPARTMENT	0F	TRANSPORTATION							

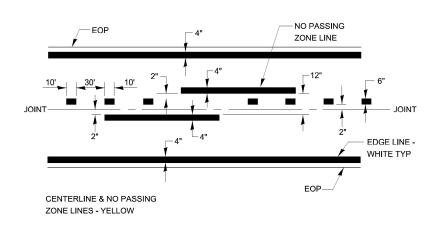
DETAILS									SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
								80	(50-4HBR) BDR, BJR &	(3) PP	LASALLE	88	87
											CONTRACT	NO. 661	253
SCALE: NTS SHEET 9 OF 10 SHEETS STA. TO STA.									ILLINOIS	FED. AII	D PROJECT		



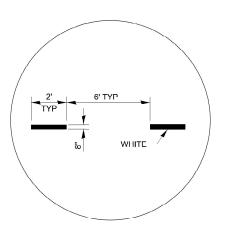
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



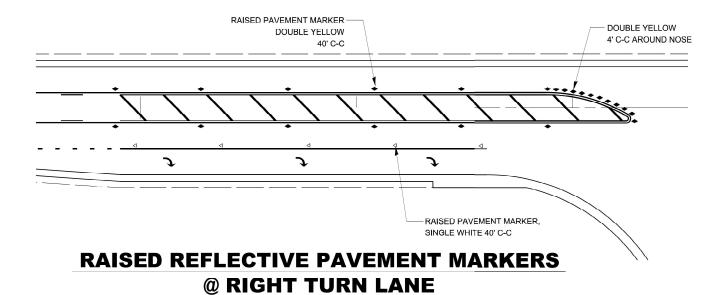
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



PAVEMENT MARKING



ADVANCE AND INTERSECTION LANE DIVIDER LINES



SCALE: NTS

DETAILS							F.A.I. RTE	SECTION		COUNTY TOTA		SHEET NO.
							80	(50-4HBR) BDR, BJR & (3) PP	LASALLE	88	88
										CONTRACT	NO. 661	253
SHEET	10	OF	10	SHEETS	STA.	TO STA.		ILLINOIS	FED. Al	D PROJECT		